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SECOND ANNUAL REPORT

OF THE

STATE BOARD OF INSANITY

OF THE

Commonwealth of Massachusetts

FOR THE

YEAR ENDING SEPTEMBER 30, 1900.

MASSACHUSETTS
STATE BOARD OF INSANITY
SECOND ANNUAL REPORT
FOR THE YEAR ENDING
SEPTEMBER 30, 1900
BOSTON:
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КОРНАВТО
2000

Commonwealth of Massachusetts.

STATE HOUSE, BOSTON, Feb. 13, 1901.

To His Excellency the Governor and the Honorable Council.

The second annual report of the State Board of Insanity
is herewith respectfully presented.

GEORGE F. JELLY.
HERBERT B. HOWARD.
CHARLES R. CODMAN.
FRANCIS B. GARDNER.
ALBERT L. HARWOOD.

APR 13 1901 G

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MEMBERS OF THE STATE BOARD OF INSANITY.

Date of Original Appointment.	Name.	Residence.	RETIRED.		Term expires.
			Date.	Reason.	
September, 1898,	George F. Jelly, M.D.,	Boston,	-	-	September, 1903.
September, 1898,	Herbert B. Howard, M.D.,	Boston,	-	-	September, 1902.
September, 1898,	Charles R. Codman,	Barnstable,	-	-	September, 1901.
September, 1898,	<i>Edward S. Bradford,</i>	Springfield,	February, 1900,	Resigned,	September, 1900.
September, 1898,	Francis B. Gardner,	Brockton,	-	-	September, 1904.
February, 1900,	Albert L. Harwood,	Newton Centre,	-	-	September, 1905.

MEMBERS OF THE BOARD, 1899-1900.

GEORGE F. JELLY, M.D.,	<i>Chairman,</i>	.	.	BOSTON.
HERBERT B. HOWARD, M.D.,	.	.	.	BOSTON.
CHARLES R. CODMAN,	.	.	.	BARNSTABLE.
FRANCIS B. GARDNER,	.	.	.	BROCKTON.
ALBERT L. HARWOOD,	.	.	.	NEWTON CENTRE.

Regular meeting, second Wednesday of each month, at 2.30 P.M.,
Room 34, State House, Boston.

OFFICERS OF THE BOARD.

OWEN COPP, M.D.,	.	.	.	<i>Secretary and Executive Officer.</i>
LOWELL F. WENTWORTH, M.D.,	.	.	.	<i>Deputy Executive Officer.</i>
SARAH CHAPMAN,	.	.	.	<i>Stenographer.</i>
SARAH L. POWERS,	.	.	.	<i>Clerk.</i>
KATIE G. STETSON,	.	.	.	<i>Clerk.</i>
JOSEPHINE P. FULLER,	.	.	.	<i>Stenographer.</i>
EDNA M. YOUNG,	.	.	.	<i>Visitor.</i>
FRED A. HEWEY,	.	.	.	<i>Transportation Officer.</i>
ELLA HEAL,	.	.	.	<i>Transportation Officer.</i>

Office, Room 36, State House, Boston.

DIRECTORY OF INSTITUTIONS.

WORCESTER INSANE HOSPITAL (opened 1833) : —

Trustees : George W. Wells, Southbridge, chairman ; Thomas Russell, Boston, secretary ; Thomas H. Gage, M.D., Worcester ; Rockwood Hoar, Worcester ; Frances M. Lincoln, Worcester ; Sarah E. Whitin, Whitinsville ; Samuel B. Woodward, M.D., Worcester.

Regular meeting, first Tuesday of each month.

Superintendent, Hosea M. Quinby, M.D.

Assistant superintendent, Alfred I. Noble, M.D.

Director of clinical work and laboratory, Adolf Meyer, M.D.

Assistant physicians, Revere R. Gurley, M.D., Frank T. Budd, M.D., Margaret A. Fleming, M.D.

Visiting days, Wednesdays and Fridays.

TAUNTON INSANE HOSPITAL (opened 1854) : —

Trustees : William C. Lovering, Taunton, chairman ; Susan E. Learoyd, Wakefield, secretary ; Oliver Ames, North Easton ; Ruth S. Murray, New Bedford ; Milton Reed, Fall River ; Henry R. Stedman, M.D., Brookline ; Gerard C. Tobey, Wareham.

Regular meeting, first Thursday of each month.

Superintendent, John P. Brown, M.D.

Assistant physicians, Arthur V. Goss, M.D., John E. Fish, M.D., Benjamin W. Baker, M.D., Tertie C. Wilton, M.D.

Assistant physician and pathologist, Frederick S. Ward, M.D.

Visiting days, Wednesdays and Saturdays and all legal holidays.

NORTHAMPTON INSANE HOSPITAL (opened 1858) : —

Trustees : Elisha Morgan, Springfield, chairman ; Sarah M. Butler, Northampton, secretary ; Alvan Barrus, Goshen ; F. W. Chapin, M.D., Springfield ; Lyman D. James, Williamsburg ; William D. MacInnes, Pittsfield ; Sarah A. Woodworth, Chicopee.

Regular meeting, first Thursday of each month.

Superintendent, John A. Houston, M.D.

Assistant physicians, Justus G. Hanson, M.D., Harriet M. Wiley, M.D., Charles H. Dean, M.D.

Visiting days, Tuesdays and Fridays.

DANVERS INSANE HOSPITAL (opened 1878) :—

Post-office and railroad station, Hathorne (Boston & Maine).

Trustees: Samuel W. Hopkinson, Haverhill, chairman; Solon Bancroft, Reading, secretary; Horace H. Atherton, Saugus; Florence Lyman, Boston; Mary Ward Nichols, Danvers; Orville F. Rogers, M.D., Boston; William B. Sullivan, Danvers.

Regular meeting, first Friday after first Monday of each month.

Superintendent, Arthur H. Harrington, M.D.

Senior assistant physician, H. W. Mitchell, M.D.

Assistant physicians, James D. Madison, M.D., Mary Paulsell, M.D., Harry L. Barnes, M.D.

Assistant physician and pathologist, William L. Worcester, M.D.

Visiting days, Mondays and Wednesdays.

WESTBOROUGH INSANE HOSPITAL (opened 1886) :—

Railroad station, Talbot (New York, New Haven & Hartford).

Trustees: Alden Speare, Newton, chairman; Eliza C. Durfee, Fall River, secretary; Benjamin W. Childs, Worcester; John L. Coffin, Northborough; John M. Merriam, South Framingham; George B. Richmond, New Bedford; Emily Talbot, Boston.

Regular meeting, first or second Thursday of each month.

Superintendent, George S. Adams, M.D.

First assistant physician, Henry I. Klopp, M.D.

Assistant physicians, De Ette Brownell, M.D., E. Ray Buhrman, M.D., John L. Bacon, M.D.

Pathologist, S. C. Fuller, M.D.

Visiting days, every day except Saturdays, Sundays and holidays.

WORCESTER INSANE ASYLUM (opened 1877) :—

Trustees: trustees of Worcester Insane Hospital.

Superintendent, Ernest V. Scribner, M.D.

Assistant physician, Thomas Howell, M.D.

Pathologist, Frederick H. Baker, M.D.

Visiting days, every day except Sunday.

MEDFIELD INSANE ASYLUM (opened 1896) :—

Post-office, Harding; railroad station, Medfield Junction (New York, New Haven & Hartford).

Trustees: John G. Park, M.D., Groton, chairman; Elizabeth Thurber, Plymouth, secretary; Benjamin S. Atwood, Whitman; William O. Blaney, Boston; Ira G. Hersey, Hingham; Edwin V. Mitchell, Medfield; Sarah Rand, Newton Centre.

Regular meeting, second Friday of each month.

Superintendent, Edward French, M.D.

Assistant physicians, Edward A. Andrews, M.D., Frederick C. Shultis, M.D., George B. Lockwood, M.D., Florence H. Abbott, M.D.

Visiting days, Tuesdays and Fridays.

STATE ASYLUM FOR INSANE CRIMINALS, STATE FARM (opened 1887, 1895) :—

Post-office, State Farm; railroad station, Titicut (New York, New Haven & Hartford).

Trustees: J. White Belcher, Randolph, chairman; Rev. Payson W. Lyman, Fall River, secretary; Cecil F. P. Bancroft, Andover; Sarah D. Fiske, Malden; Jacob H. Hecht, Boston; Leonard Huntress, M.D., Lowell; Anna F. Prescott, Boston.

Regular meeting, usually during last week of month, alternately at State Farm and State Hospital.

Medical director, Chas. A. Drew, M.D.

Assistant physician, J. Frank Blair, M.D.

Visiting days, every day except Sundays and holidays.

ASYLUM WARDS, STATE HOSPITAL (opened 1866) :—

Post-office, Tewksbury; railroad station, Salem Junction (Boston & Maine).

Trustees: trustees of State Farm.

Superintendent, John H. Nichols, M.D.

Assistant superintendent, Archibald J. Ranney, M.D.

First assistant physician, Joseph B. Howland, M.D.

Assistant physician and pathologist, Arthur K. Drake, M.D.

Assistant physicians, Ernest B. Emerson, M.D., George A. Pierce, M.D.

Visiting days, every day except Saturdays and holidays.

MASSACHUSETTS HOSPITAL FOR DIPSO MANIACS AND INEBRIATES, FOXBOROUGH (opened 1893) :—

Trustees: Edward Cowles, M.D., Waverley, chairman; Benjamin H. Hartwell, M.D., Ayer; Joseph G. Pinkham, M.D., Lynn; Anna Phillips Williams, Boston; S. Homer Woodbridge, Newton.

Regular meeting, first Wednesday of each month.

Superintendent, Chas. E. Woodbury, M.D.

Assistant physician, Lewis M. Walker, M.D.

Visiting days, Tuesdays and Fridays.

MASSACHUSETTS HOSPITAL FOR EPILEPTICS (opened 1898) :—

Post-office and railroad station, Palmer (Boston & Albany).

Trustees: William N. Bullard, M.D., Boston, chairman; Charles A. Clough, Boston, secretary; Burnham R. Benner, M.D., Lowell;

Adelaide A. Calkins, Springfield; Henry J. Jaques, M.D., Lenox;

Henry M. Phillips, Springfield; Mabel W. Stedman, Brookline.

Regular meeting, first Thursday of each month.

Superintendent, Everett Flood, M.D.

Assistant physicians, Arthur O. Morton, M.D., Morgan B. Hodskins, M.D.

Visiting days, Tuesdays and Fridays.

MASSACHUSETTS SCHOOL FOR THE FEEBLE-MINDED (opened 1851):—
Post-office and railroad station, Waverley (Boston & Maine).

Trustees: George G. Tarbell, M.D., Boston, president; William W. Swan, Brookline, secretary; Charles Francis Adams, 2d, Quincy; Francis J. Barnes, Cambridge; Francis Bartlett, Boston; Elizabeth E. Coolidge, Cambridge; J. S. Damrell, Boston; Thomas W. Davis, Belmont; Samuel Hoar, Concord; Richard C. Humphreys, Boston; Chas. E. Ware, Fitchburg; F. G. Wheatley, M.D., Abington; Chas. F. Wyman, Cambridge.

Quarterly meeting, second Thursday of October, January, April and July.

Superintendent, Walter E. Fernald, M.D.

Assistant physicians, L. G. Wallace, M.D., Joseph H. Ladd, M.D.

Visiting days, every day except Sundays and holidays.

HOSPITAL COTTAGES FOR CHILDREN, BALDWINVILLE (opened 1882):—
President, Merrick Bemis, M.D., Worcester; clerk, Francis Leland, Otter River.

Trustees appointed by the Governor: Merrick Bemis, M.D., Worcester; Chas. H. Allen, Boston; David H. Coolidge, Boston; Mrs. William W. Doherty, Boston; Arthur H. Lowe, Fitchburg.

Trustees appointed by the corporation: Mrs. J. B. Case, Boston; John D. Carson, Dalton; Mrs. Francis H. Dewey, Worcester; Homer Gage, M.D., Worcester; Mrs. H. C. Greeley, Clinton; Mrs. Edward L. Greene, Clinton; Almon E. Hall, Williamstown; Francis Leland, Otter River; Rev. J. S. Lemon, Gardner; H. S. Morley, Baldwinville; F. W. Russell, M.D., Winchendon; William Skinner, Holyoke; Gilman Waite, Baldwinville; Robert N. Wallis, Fitchburg; Mrs. Sarah E. Whitin, Whitinsville.

Quarterly meeting, second Wednesday of October, January, April and July.

Superintendent, Hartstein W. Page, M.D.

Visiting days, every day except Sundays.

BOSTON INSANE HOSPITAL (opened 1839):—

Women's department: post-office, New Dorchester; railroad station, Forest Hills. Men's department: post-office, Mattapan; railroad station, Forest Hills (New York, New Haven & Hartford).

Trustees: Henry C. Baldwin, M.D., Boston, chairman; Philip Coombs Knapp, M.D., Boston, secretary; C. James Connelly, Boston; George A. Goddard, Boston; Emily P. Howard, M.D., Boston; Catherine L. Marion, Boston; George A. Sanderson, Boston.

Regular meeting, at 126 Commonwealth Avenue, second Thursday of each month.

Superintendent, Edward B. Lane, M.D.

Associate superintendent, William Noyes, M.D.

Assistant physicians, Linneus A. Roberts, M.D., Fred B. Colby, M.D., S. W. Crittenden, M.D.

Visiting day, Wednesday, 2 to 4 P.M.

MCLEAN HOSPITAL (opened 1818):—

Department of Massachusetts General Hospital Corporation.

President, Charles H. Dalton, Boston; treasurer, Franklin Haven, Boston; secretary, Thomas B. Hall, Boston.

Trustees appointed by the Governor: William S. Bigelow, M.D., Boston; John H. Harlow, M.D., Woburn; Henry S. Howe, Boston; David P. Kimball, Boston.

Trustees appointed by the corporation: Francis Blake, Auburndale; Reginald Gray, Boston; Nathaniel Thayer, Boston; Henry P. Walcott, M.D., Boston; Samuel D. Warren, Boston; George Wigglesworth, Boston; Moses Williams, Boston; Francis L. Higginson, Boston.

Regular meeting, usually at Merchants' National Bank, of Boston, on Friday, at intervals of two weeks, beginning sixteen days after first Wednesday in February.

Superintendent, Edward Cowles, M.D.

First assistant physician, George T. Tuttle, M.D.

Second assistant physician, Charles S. Little, M.D.

Pathologist and assistant physician, August Hoch, M.D.

Assistant in pathological chemistry, Otto Folin, Ph.D.

Junior assistant physicians, Harry W. Miller, M.D., Guy G. Fernald, M.D., Martin J. Cooley, M.D., Phil A. Shaffer, A.B.

Visiting days, Wednesdays and Saturdays.

PRIVATE INSTITUTIONS.

"BOURNEWOOD," Henry R. Stedman, M.D., South Street, Brookline. Railroad station, Forest Hills (New York, New Haven & Hartford). Carriage.

"THE HIGHLANDS," Frederick W. Russell, M.D., Winchendon (Fitchburg). Carriage.

"CHANNING SANITARIUM," Walter Channing, M.D., Brookline. Railroad station, Reservoir (Boston & Albany). Carriage.

PRIVATE ASYLUM, Eben C. Norton, M.D. Post-office, Norwood; railroad station, Norwood Central (New York, New Haven & Hartford).

"RIVERVIEW," Lucius W. Baker, M.D., Baldwinville.

"HERBERT HALL," Merrick Bemis, M.D., Salisbury Street, Worcester. Carriage.

"NEWTON NERVINE," N. Emmons Paine, M.D., West Newton. Carriage.

"WELLESLEY NERVINE," Edward H. Wiswall, M.D., Washington Street, Wellesley.

"CUTTER RETREAT," William F. Heald, M.D., Pepperell. Carriage.

"LOCUST GROVE ASYLUM," Alice R. Cooke, Medical Director, George E. White, M.D., Sandwich. Carriage.

"DR. RING'S SANATORIUM," Allan Mott Ring, M.D., Arlington Heights. Carriage.

"FRAMINGHAM NERVINE," Ellen L. Keith, M.D., Winter Street, Framingham.

"LAURELWOOD," Eugene W. Hill, M.D., Newton. Carriage.

PRIVATE HOSPITAL, Simeon O. Pilling, M.D., Newburyport.

"THE BLUE HILLS SANITARIUM," J. Frank Perry, M.D., Milton.

Commonwealth of Massachusetts.

REPORT.

The general supervision of the Board extends over the five State insane hospitals, the Boston Insane Hospital (municipal), the four State insane asylums, the McLean Hospital and fifteen other private institutions for the insane, the Massachusetts Hospital for Dipsomaniacs and Inebriates, the Massachusetts Hospital for Epileptics, the Massachusetts School for the Feeble-minded (partly State) and the Hospital Cottages for Children (partly State); the insane and feeble-minded in city and town almshouses and in private families in care of overseers of the poor.

The insane boarded in private families under authority of chapter 385, Acts of 1885, come under the direct charge of the Board.

The interchange of patients between the different institutions under its supervision, between these and the State Hospital at Tewksbury, the Lyman School for Boys and the State Industrial School for Girls, and the deportation of patients to other States and countries where they belong, constitute other direct functions of the Board.

Details of the work of the year in each of these departments are submitted in later pages of this report, to which you are respectfully referred.

PERSONS UNDER SUPERVISION.

The number, location and classes of persons under the supervision of the Board on Oct. 1, 1900, appear in Table No. 1:—

D. — Private families in care of the State Board,	20	104	124	-	-	-	-	-	-	-	-	20	104	124
E. — Private families in care of overseers of poor,*	12	21	33	-	-	-	21	22	43	-	-	33	43	76
F. — McLean Hospital (private),	86	89	175	3	2	5	-	-	-	-	-	89	91	180
Other private institutions for the insane,	13	52	65	16	54	70	-	-	-	-	-	29	106	135
Total,	99	141	240	19	56	75	-	-	-	-	-	118	197	315
G. — Private institutions which have received aid from the State : —														
School for Feeble-minded,	-	-	-	-	-	-	412	268	680	-	-	412	268	680
Hospital Cottages for Children,	-	-	-	72	42	114	9	7	16	-	-	81	49	130
Total,	-	-	-	72	42	114	421	275	696	-	-	493	317	810
Total A, B,	3,603	3,814	7,417	58	62	120	-	-	-	258	17	275	3,919	3,893
Total A, B, C,	3,959	4,304	8,263	58	62	120	-	-	344	258	17	275	-	9,002
Total A, B, D,	3,623	3,918	7,541	58	62	120	-	-	-	258	17	275	3,939	7,936
Total A, B, C, D,	3,979	4,408	8,387	58	62	120	-	-	344	258	17	275	-	9,126
Total C, E,	368	511	879	-	-	-	-	-	387	-	-	-	-	1,266
Total D, E,	32	125	157	-	-	-	21	22	43	-	-	53	147	200
Total A, B, C, D, E,	3,991	4,429	8,420	58	62	120	-	-	387	258	17	275	-	9,202
Total A, B, C, D, E, F,	4,090	4,570	8,660	77	118	195	-	-	387	258	17	275	-	9,517
Total A, B, D, F,	3,722	4,059	7,781	77	118	195	-	-	-	258	17	275	-	8,251
Grand total,	4,090	4,570	8,660	149	160	309	-	-	1,083	258	17	275	-	10,327

* For year ending March 31, 1900, from reports by overseers of poor.

In comparison with corresponding figures on Oct. 1, 1899, changes have occurred since a year ago, as shown in Table No. 2:—

TABLE No. 2.— *Changes subsequent to Sept. 30, 1899, in the Number of Different Persons under Supervision of the Board.*

LOCATION.	INCREASE FOR THE YEAR ENDING SEPT. 30, 1900.											
	INSANE.			SANE.			FEEBLE-MINDED.			INEBRIATE OR DIPSO-MANIAC.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
A.— State Institutions:—												
Worcester Insane Hospital, ...	86	31	117	-	-	-	-	-	-	5	36	122
Taunton Insane Hospital, ...	10†	20	10	-	-	-	-	-	-3†	10†	17	7
Northampton Insane Hospital, ...	17	17†	-	-	-	-	-	-	-	17	17†	-
Danvers Insane Hospital, ...	36	39	75	1	1	1	-	-	-1†	36	39	75
Westborough Insane Hospital, ...	11	11	22	1	5†	4†	-	-	-	12	6	18
Worcester Insane Asylum, ...	24	3†	21	-	-	-	-	-	-	24	3†	21
Medfield Insane Asylum, ...	14	95	109	-	-	-	-	-	-	14	95	109
Asylum Wards, State Hospital, ...	13	23†	10†	-	-	-	-	-	-	13	23†	10†
Asylum for Insane Criminals, ...	41	-	41	-	-	-	-	-	-	41	-	41
Hospital for Epileptics, ...	2†	6	4	8	15	23	-	-	-	6	21	27
Hospital for Dipsomaniacs and Inebriates, ...	-	-	-	-	-	-	-	-	-	84	-	84
Total, ...	230	159	389	9	11	20	-	-	-	84	171	494

THE INSANE.

The number and location of the insane on Oct. 1, 1900, their daily average number for the year preceding, the number of different persons under treatment within that year, and their increase for the same period, are tabulated as follows:—

TABLE NO. 3.—*The Number, Location and Increase of the Insane for the Year ending Sept. 30, 1900.*

LOCATION.	ON OCT. 1, 1900.		DAILY AVERAGE.		DIFFERENT PERSONS WITHIN THE YEAR.	
	Number.	Increase for the Year.	Number for the Year.	Increase over Last Year.	Number.	Increase over Last Year.
A.—State Institutions:—						
Worcester Insane Hospital, ...	1,082	117	1,016.89	103.37	1,522	125
Taunton Insane Hospital, ...	863	10	861.30	27.63	1,222	33
Northampton Insane Hospital, ...	590	-	576.33	13.01	826	54
Danvers Insane Hospital, ...	1,052	75	989.00	64.00	1,421	103
Westborough Insane Hospital, ...	650	22	636.30	39.39	911	51
Worcester Insane Asylum, ...	482	21	470.18	36.37	517	24
Medfield Insane Asylum, ...	1,197	109	1,138.23	107.24	1,273	98
Asylum Wards, State Hospital, ...	484	-10†	486.34	22.00	597	27
Asylum for Insane Criminals, ...	372	41	349.80	33.30	408	36
Hospital for Epileptics, ...	142	4	139.35	-15.35†	163	-32†
Total, ...	6,914	389	6,663.77	430.96	8,860	519
B.—Boston Insane Hospital (municipal), ...						
	503	-4†	490.46	-30.59†	834	-64†
C.—City and town almshouses,*						
	846	9	844.20	-5.70†	1,153	52
D.—Private families in care of the State Board, ...						
	124	28	102.37	-4.15†	135	17
E.—Private families in care of overseers of poor,*						
	33	-25†	28.41	-28.19†	45	-20†
F.—McLean Hospital (private), ...						
	175	4	164.24	9.70	320	36
Other private institutions for the insane, ...	65	1	62.06	-8.12†	122	-1†
Total, ...	240	5	226.30	1.58	442	35
Total persons in A, ...	6,914	389	6,663.77	430.96	8,674	474
Total persons in A, B, ...	7,417	385	7,154.23	400.37	9,383	467
Total persons in A, B, C, ...	8,263	394	7,998.43	394.67	10,428	-
Total persons in A, B, C, D, ...	7,541	413	7,256.60	396.22	9,477	449
Total persons in A, B, C, D, ...	8,387	422	8,100.80	390.52	10,522	-
Total persons in C, E, ...	879	-16†	872.61	-33.89†	1,195	-
Total persons in D, E, ...	157	3	130.78	-32.34†	179	-
Total persons in A, B, C, D, E, ...	8,420	397	8,129.21	362.33	10,537	-
Total persons in F, ...	240	5	226.30	1.58	437	34
Total persons in A, B, C, D, E, F, ...	8,660	402	8,355.51	363.91	10,948	449
Total persons in A, B, D, F, ...	7,781	418	7,482.90	397.80	9,888	475

* For year ending March 31, 1900, from reports by overseers of poor. † Decrease.

The average annual increase of the insane by five-year periods subsequent to Sept. 30, 1890, the increase for the closing year of the first period and for each year subsequent to the last period, and the average annual increase since Sept. 30, 1890, are compared in Table No. 4:—

TABLE NO. 4.—*Annual Increase of the Insane subsequent to Sept. 30, 1890.*

LOCATION.	ANNUAL INCREASE.					DAILY AVERAGE NUMBER FOR THE YEAR.				
	NUMBER OCTOBER 1.									
	Average 1890-95.	1895.	Average 1895-1900.	1900.	Average 1890-1900.	Average 1890-95.	1895.	Average 1895-1900.	1900.	Average 1890-1900.
A.—State Institutions, ...	139.8	161	332.4	339	286.1	187.47	227.25	342.32	430.96	264.89
B.—Boston Insane Hospital (municipal), ...	30.0	74	-4.8†	-4†	12.6	24.18	22.28	2.38	-30.59†	13.28
C.—City and town almshouses,*	14.0	-6†	8.6	9	11.3	19.64	26.30	1.08	-5.70†	10.36
D.—Private families in care of the State Board, ...	-1.2†	-16†	-3.6†	28	-2.4†	4.26	-10.50†	-8.99†	-4.15†	-2.36†
E.—Private families in care of overseers of poor,*	-2.0†	7	-5.4†	-25†	-3.7†	-2.74†	.91	-5.45†	-28.19†	-4.09†
F.—McLean Hospital and other private institutions, ...	-5.8†	-31†	7.2	5	.7	.45	-7.70†	-8.7†	1.58	-21
Total A, B, ...	219.8	235	377.6	385	298.7	211.65	249.53	344.70	400.37	278.17
Total A, B, C, ...	233.8	229	386.2	394	310.0	231.29	275.83	345.78	394.67	288.53
Total A, B, D, ...	218.6	219	374.0	413	296.3	215.91	239.03	335.71	396.22	275.81
Total A, B, C, D, ...	232.6	213	382.6	422	307.6	235.55	265.33	336.79	390.52	286.17
Total C, E, ...	12.0	1	3.2	-16†	7.6	16.90	27.21	-4.37†	-33.89†	6.27
Total D, E, ...	-3.2†	-9†	-9.0†	3	-6.1†	1.52	-9.59†	-14.44†	-32.54†	-6.46†
Total A, B, C, D, E, ...	230.6	220	377.2	397	303.9	232.81	266.24	331.34	362.33	282.08
Total A, B, C, D, E, F, ...	224.8	189	384.4	402	304.6	233.26	258.54	330.47	363.91	281.87
Total A, B, D, F, ...	212.8	188	381.2	418	297.0	216.36	231.33	334.84	397.80	275.60

† Decrease.

* For years ending March 31, from reports by overseers of poor.

INCREASE OF THE INSANE.

The *apparent* increase in the number of insane persons in the State should not be confounded with the *actual* increase of insanity. The former refers to the number of registered insane (classes A, B, C, D, E and F, in the preceding tables), whereas the latter comprehends both these and that undetermined number of insane who do not come under official notice and are scattered throughout the community in their homes and private families without public aid, or are found in institutions classed as sane inmates.

Some authorities base their estimate of increase upon the number of insane in public and private institutions and in private families in care of the State Board, excluding those in city and town almshouses and in private families in care of overseers of the poor (classes C and E), whose number and classification are more or less indefinite.

There is constant interchange between the groups of registered and unregistered insane. Our statement of increase indicates only the number of insane who have passed from the latter to the former group, and bears no obvious relation to the actual increase of new cases of insanity. It is possible for the whole number of insane in the State to remain stationary, and yet for the registered insane to show a marked increase.

The number of registered insane, and, therefore, the apparent increase of insanity, depend upon the accuracy and completeness of records, the adequacy of public provision, the degree of public confidence in special institutions for such, the potency of influences outside of the family compelling commitment, and the method and strictness of classification of the insane.

Early registration was very defective, and, although steadily improved, has not yet been perfected.

Special provision for this class has always been insufficient, but a gradually nearer approach has been made to the full requirement.

Formerly, distrust of institutions was so great that patients were committed because of necessity alone. Of late, however, public confidence and readiness to entrust depend-

ents to their care have grown rapidly. A notable illustration is seen in the increasing disposition to commit old people whose infirmity follows senile degenerative changes. If the average annual number of commitments as insane of persons aged seventy years or over is compared with the mean population of such persons, by five-year periods, since 1880, it is found that, whereas such old persons have increased in the twenty years 33.37 per cent., their commitments have increased 156.81 per cent., or 4.6 as fast.

Extending the comparison to other classes of commitment, it is found that, whereas the mean population of the State has increased only 42.42 per cent. since 1880, the total commitments of the insane have increased 86.63 per cent.; first commitments to any hospital, 78.55 per cent.; commitments of the feeble-minded to insane hospitals, 381.33 per cent.; of insane epileptics, 74.74 per cent.; and of insane criminals, in the last five years, 77.14 per cent.

Undoubtedly there are other causes underlying this tendency, but this is probably one of the most potent.

Home care of the insane is the most difficult of any class of dependents, because they are most likely to disturb and interfere with the rights and comfort of neighbors; but the burden of dependence in general tends to become more onerous on account of the natural increase in density of population and the more frequent migration from small to larger centres. Such burden is more easily borne in country districts, where living is cheaper, separation of neighbors wider, interference more avoidable, and tolerance of eccentricities of conduct greater, than in cities or large towns.

In 1880, 1 out of every 3.19 commitments was made from country districts, but in 1900 only 1 in 6.09. This indicates a distinct growth of adverse conditions in caring for the insane outside of institutions, and a proportionate increment to pressure toward commitment, irrespective of the wish or willingness of friends.

Such conditions and influences accelerate the passage from the unregistered to the registered insane, and swell the numbers of the latter, even though occurring insanity may remain at a standstill.

Furthermore, the method and strictness of classification of the insane are of much importance.

The broad definition of insanity comprehends congenital feeble-mindedness as well as acquired disorders of the brain ; but in this State it has been customary to exclude the feeble-minded in the enumeration of the insane. Nevertheless, owing to limited provision for the former and lack of discrimination in their commitment, many of such feeble-minded are going to the insane hospitals.

Inasmuch as this has continued during the whole period under review, it would not affect the rate of apparent increase of insanity, provided the ratio of commitment were unvarying. As a matter of fact, however, there has been a striking increase of such commitments, amounting in the last twenty years to 381.33 per cent., as above stated.

Another source of apparent increase of the insane is found in the present strictness of their classification in the State Hospital at Tewksbury. The general character of its population does not materially change from year to year, nor, probably, the proportion of sane to insane inmates. Yet, from 1891 to 1896, the average annual number of insane persons transferred from the sane pauper department to the insane asylum wards was 26.6, whereas, since 1896, the number of such transfers has averaged 84.25, and for the past two years 97. This does not signify an increase of the insane, but their fuller registration as such, by reason of more careful and systematic transfer.

Furthermore, there is no reasonable doubt that insanity is more frequently recognized now than formerly among the inmates of penal and reformatory institutions, as well as in the community at large. This appears from comparison of annual first commitments to the Asylum for Insane Criminals since its opening in 1895, to which practically all cases of insanity developing among prisoners in such institutions have been sent. Up to 1899, the average annual number of such commitments was 27.6 ; in 1899, 41 ; in 1900, 62, — notwithstanding that the whole number of criminals in the State under the supervision of the Prison Commission has decreased since Sept. 30, 1895, from 7,628 to 6,769, or 11.26 per cent.

Finally, a forceful auxiliary in this direction was created by an act of the Legislature of 1898, whereby all town settlements not wholly acquired subsequently to May 1, 1860, were lost, as provided in section 2, chapter 425 of the Acts of that year, namely:—

. . . All settlements not fully acquired subsequent to the first day of May in the year eighteen hundred and sixty are hereby defeated and declared to be lost, except where the existence of such settlement prevented a subsequent acquisition of settlement in the same place: *provided*, that whenever a settlement acquired by marriage has been thus defeated, the former settlement of the wife, if not defeated by the same provision, shall be thereby revived. All persons absent from the Commonwealth of Massachusetts for ten years in succession shall lose their settlement.

Thus, certain town charges have been transferred to State support, and have immediately appeared in our enumeration of the insane by commitment to institutions.

The above considerations justify the conclusion:—

1. That the increase of registered insane does not necessarily imply an increase of occurring insanity out of proportion to the growth of population.

2. That the rate of increase of occurring insanity is certainly much less than the apparent increase of the insane.

3. That there is a marked and growing tendency to commit all classes of the insane to institutions, especially in the case of old people, of the feeble-minded and of criminals.

4. That a thorough inquiry into the specific causes of such tendency should be instituted as soon as possible.

ACCUMULATION OF THE INSANE IN PUBLIC INSTITUTIONS.

Notwithstanding the operation of such causes toward the appearance of the insane in public institutions, there would still be no accumulation therein if the rate of discharge were equal to that of admission. Unfortunately the reverse is true, although we cannot at this time enter into a thorough discussion of this subject.

By reference to Table No. 4, page 21, Total A, B, it will be seen that such average annual accumulation from 1890 to 1895 was 219.8; from 1895 to 1900, 377.6; from 1890

to 1900, 298.7. Therefore, we may fairly assume that the minimum annual rate of accumulation of the insane in public institutions for whom yearly provision should be made, for the present at least, is 300.

There were, on Oct. 1, 1900, 7,417 insane patients in public hospitals and asylums. Of these, 1,016, or 13.7 per cent., were sleeping on cot beds made up each night in the corridors and day rooms. Such overcrowding of day spaces tends to cause excitement of patients and bad hygienic conditions. Furthermore, these cot beds must be removed each morning and stowed away for the day. Thus, promiscuous handling and mixing of bedding, which oftentimes has been soiled by excreta, are unavoidable, and open up an avenue for spreading contagion whenever infectious disease invades an institution, especially dangerous among the insane, in whom disease may be masked and not easily recognized or guarded against. If the work of removal and storage of bedsteads is carelessly done by patients, great marring of floors, door casings and interior walls and breakage of the beds themselves result. If it were done carefully by nurses alone, considerable additional work would be thrown upon them, which would increase the amount of paid service. In our judgment, adequate and permanent sleeping space should be furnished to each patient. The State care act (chapter 451, Acts of 1900) provides that the State shall assume, on Jan. 1, 1904, the support, and, so far as possible, the care, of the insane who may be in city and town almshouses. This class now numbers about 900. Therefore, if it should become the policy of the State to reduce overcrowding by 100 each year and provide for the annual increase of the insane (about 300), there would be need of additional provision for at least 400 patients each year for the present.

GENERAL PRINCIPLES OF EXTENSION OF PROVISION.

This necessity was foreseen from the investigations made by us in the preparation of our special report to the Legislature of 1900, wherein we endeavored to outline a comprehensive system of care of the insane, whose "basic principles

should not only meet the present need, but anticipate the requirements of an increasing number of the insane, in order that a harmonious system might be established, capable of extension to any limit and flexible to any demand that might be made upon it."

Its gradual and progressive development was insisted upon, inasmuch as time and deliberation are required to plan and economically construct buildings suited to the needs of the different classes of such. It should be carried forward steadily, under the direction of permanent boards of trustees and superintendents, thus allowing small appropriations at any one time to a single board, careful planning, strict oversight by State and local authorities, and annual visits of the Governor and Council and committees of the Legislature.

Such method cannot be pursued if the present overcrowding in institutions for the insane is allowed to proceed beyond the limit of endurance before additional steps are taken to avert it, and the exigency will arise for precipitate action in establishing a new and large institution. Therefore we earnestly recommend the policy of gradual extension, to provide for about 400 patients each year for the present, along the lines indicated in the special report above referred to.

The fundamental principle of such system is one of classification, mainly into three groups:—

(a) The acute and curable insane.

(b) The chronic insane of the *custodial* class, who require strict supervision and restraint for the protection of themselves and the public; and of the *infirmary* class, both of which are suitable for care on a plan having a compact arrangement of buildings.

(c) The colony class of chronic, able-bodied insane, who are capable of, or may be taught to do, some useful work toward self-support, and can safely be allowed greater liberty and more homelike conditions.

It is evident that each of these classes requires a special organization, a distinct type of officer and a peculiar construction and arrangement of buildings of variable cost. Hence their separation and care in separate institutions, or

practically independent parts of the same institution, so far as practicable under existing conditions and with due regard to the claims of locality, tends to effect: —

1. Better treatment of the curable insane.

2. Greater simplicity of organization and administration of institutions.

3. The most appropriate and economical construction and equipment, by the gradual withdrawal of suitable chronic patients and other persons into institutions or buildings which may be less massive and costly in construction and less expensively equipped and organized than is required to do curative or custodial work.

The first step in carrying forward such a policy was recommended by us to the Legislature of 1900, and endorsed by the establishment of the State Colony for the Insane. This was intended to take, primarily, those patients of the colony class who had no friends, whose friends had lost interest in them, or who might properly be removed from their present locations after due consideration of the claims of locality, which justly demand nearness of patients to friends, so far as practicable. This colony can receive about 100 patients yearly for some length of time, but should not be pressed to take them so rapidly and in such numbers as to endanger the carrying out of the principles of self-help and gradual growth, which are essential to its best development.

In determining whether further provision for the colony class or other chronic cases should be made in new centres or in connection with existing institutions, various considerations should be weighed.

The claims of locality are just and right, and should be fully and cheerfully met, so far as they are consistent with the welfare of the patient, his proper environment, reasonable economy in his care and treatment and medical supervision. The satisfaction of such just claims may in the future necessitate the establishment of other colony centres, to receive not only the strictly colony class, but perhaps troublesome types of chronic cases who can be cared for according to the general plan of a colony, after suitable

modification to meet their special needs ; but no departure should be made from its essential principles of occupation, self-help, economical but substantial construction of buildings, general medical supervision, and adaptation to give the patients all the freedom and homelike surroundings which their condition and adequate supervision permit.

The extension of a particular institution should depend upon its size and facilities for classification. If it affords, or can be made to afford, adequate separation of the acute and curable from the chronic and of the various subdivisions of chronic cases, and if it has not attained a size conducive to the most economical administration and support, then there is no objection, but, on the contrary, every reason to desire, the extension of such asylum or asylum parts of a hospital, so far as economy and good administration require.

Furthermore, no institution should be deprived of a sufficiency of patients' labor to carry on its farm and the various industries which furnish supplies for its own use.

In connection with present asylums and asylum parts of hospitals, which are arranged and constructed specially for custodial functions, we believe that such work should be done, so far as possible, and largely, by the custodial patients. Their occupation is more difficult and demands greater supervision than the colony class, but in such institutions only can they be induced to work. The withdrawal of the quieter and better class of workers is the only effective stimulus to nurses and foremen to exert the necessary effort in this direction.

Nevertheless, there will always be in each institution a certain number of the colony and other classes who, all will agree, cannot properly be removed, and who should be provided for where they are, according to the general principles above enunciated.

IMMEDIATE PROVISION RECOMMENDED.

Therefore, the second step in a progressive system of care of the insane is the gradual improving and perfecting of present institutions. To this end we approve for immediate action : —

1. *Buildings for Working Patients.*

Large farms are connected with all the State hospitals and asylums except the Worcester Asylum. The patients, who should largely carry them on, need hearty food and ample facilities for bathing and cleaning up after their day's labor in the field or barn. They would appreciate and be encouraged by quieter surroundings and more privileges than the idle, custodial patients upon the ward, whose influence tends to dissuade them from work. Moreover, the worker should be near the barns and fields, to avoid waste of time.

Therefore, we recommend provision for working patients in detached buildings, so far as possible.

2. *Buildings for Nurses.*

The nurses in most of our hospitals and asylums live in rooms opening upon the wards. Thus valuable space, which has cost about twelve hundred dollars per bed, on the average, and which otherwise might be devoted to the use of patients, is occupied by those who could be provided with more suitable accommodation at a less expense. Besides, they are at present kept in almost constant association with the insane, and are often broken of their rest by noise. Such hardship induces physical and nervous breakdown, consequently short and inefficient service, and turns away desirable persons whom it would be advantageous to attract to the institutions.

Therefore, we recommend that nurses, both men and women, should gradually be provided with living rooms apart from the patients, outside of the wards, and, so far as possible, in separate buildings.

3. *Infirmary Buildings.*

About 14 per cent. of the insane in public institutions are physically feeble. One-half of these are confined to the bed a part or all of the time. The others are able to be up and about the wards, but cannot safely mingle with the more vigorous patients, lest they be injured by being knocked or jostled about. There are also many cases of

acute illness which require infirmary care temporarily. Where no special provision has been made for such cases, they are gathered, so far as possible, into a single ward, but sometimes are scattered here and there throughout the institution. Their separation from the strong and well best affords them the special nursing and care-taking which their condition necessitates.

Therefore, we recommend separate buildings, or extension of existing buildings, to provide separate wards for the infirmary classes.

Work in these directions should be planned by the authorities of each institution to meet their peculiar needs. Its execution will necessarily be gradual, but will, in our judgment, provide the necessary extension of accommodation for the insane for the coming year, and, in part, for several years.

GENERAL FORECAST OF WORK IN BEHALF OF THE INSANE.

After the discussions and conferences of the year and mutual study of the various interests concerned in the care of the insane, our own thought and investigation have led us to make the above recommendations, representing, in our judgment, the needs pressing to be met.

Other work along the same lines, but less clearly defined, awaits our mutual inquiry and final concert of action. Such are the proper isolation of the tuberculous, the betterment of the general conditions of disturbed patients, the subdivision and better classification of other chronic cases, the more complete separation of the hopeful from the hopeless, the gradual withdrawal to appropriate surroundings and care of all patients whose treatment and study under the hospital regime are not necessary for their own welfare or the advancement of our knowledge of insanity,—all auxiliary to the main purpose of all our endeavors in behalf of these unfortunates, the development of the hospital idea, so far as applicable.

These problems relate to the welfare of patients whose care and treatment must be assumed by the public; but, in view of the rapid influx of the insane into public institutions, it becomes necessary to turn attention, with equal zeal, to questions pertaining to the obligations of the indi-

vidual as well as of the State, and to the fair apportionment of the burden of expense between them.

What is the need of the insane? How far should it be met by the individual, and how far by the public? What measures are wisest and most effectual in inducing or enforcing the performance of such duty? Upon the just and practical answers to these questions will depend our success or failure in carrying forward this work, and in bringing to our aid enlightened support and confidence.

AGED INMATES OF PUBLIC HOSPITALS AND ASYLUMS.

Aged patients are closely allied to the infirmary class in physical condition and general requirements of care.

On Oct. 1, 1900, in our public insane hospitals and asylums, exclusive of the Asylum for Insane Criminals and the Hospital for Epileptics, the patients aged sixty-five years or over numbered 880, — 357 men and 523 women, or 12.68 per cent. of their entire population. Of this number, 127, or 14.43 per cent., were confined to the bed; 211, or 23.97 per cent., were filthy in their habits; 215, or 24.43 per cent., were helpless, and had to be tended like children; 242, or 27.5 per cent., had no friends.

During the thirty years from 1865 to 1895 the number of persons aged seventy years or over in the State increased less than the general population, but the relative number of commitments of such old people to insane hospitals increased 170 per cent.

Comparing the admissions of such old persons to the five State hospitals, the State Hospital at Tewksbury and the Boston Insane Hospital, by five-year periods since 1865, we find that the average annual admissions of such constituted that year 3.77 per cent. of all admissions; 6.23 per cent. in the period ending with 1899, 8.31 per cent. in 1900.

How far this increasing disposition to send old people to the insane hospitals may be explained by the general causes underlying the growing tendency to commit all insane to institutions, as referred to on pages 22 and 23 of this report, and how far the efforts of relatives and friends to rid themselves of a just burden by shifting it upon the public are successful, are questions difficult to determine, and should be answered after

careful investigation of each case. Such investigation should show : —

1. Whether their mental condition requires care and treatment in an insane hospital or asylum.

2. If so, whether they are of sufficient ability to pay for their support, or have friends or kindred bound by law to maintain them.

3. If not, the measures adequate to return them to their homes or the authorities of the cities and towns where they belong.

Meantime, a strict enforcement of existing laws will relieve any institution of the care of any person improperly detained therein.

If arrangements cannot be made with friends or relatives for the removal of any such patient, the hospital trustees may have recourse to the authority provided in section 41, chapter 87 of the Public Statutes, namely : —

Any two of the trustees may also remove any person confined therein to the city or town in which the judge committing him certified that he resided at the time of the order for commitment, or to the place of his settlement, when in their opinion he ceases to be dangerous and is not susceptible of mental improvement at the hospital, if such city or town does not remove him after reasonable notice in writing.

If for any reason they are unable to act thereunder, it becomes their duty to notify the State Board of Insanity, as required by section 17, chapter 433, Acts of 1898, namely : —

The superintendent or physician in charge of any institution under the supervision of the board shall immediately notify the said board if there is any question as to the propriety of the commitment of any person received therein, and said board upon such notification shall inquire into the condition of such patient and into the question of the propriety of the commitment.

This Board also has independent power of investigation and discharge, pursuant to the provisions of section 13, chapter 433, Acts of 1898, namely : —

The board shall act as commissioners of insanity, with power to investigate the question of the insanity and condition of any person committed to any hospital or asylum for the insane, public or

private, or restrained of his liberty by reason of alleged insanity at any place within the Commonwealth, and shall discharge any person so committed or restrained if in its opinion such person is not insane, or can be cared for after such discharge without danger to others and with benefit to himself. . . .

It is the intention of this Board to pursue the inquiry into this subject further.

DIPSOMANIACS AND INEBRIATES.

By authority of chapter 339, Acts of 1885, commitments of dipsomaniacs and inebriates of both sexes may be made to State insane hospitals, according to the provisions of law, so far as applicable, governing the commitment of the insane to such hospitals.

In the commitment of an insane person, it is discretionary with the committing magistrate whether a hearing shall be granted to such person, as appears from section 12 of chapter 87 of the Public Statutes, namely :—

Said judge shall see and examine the person alleged to be insane, or state in his final order the reason why it is not deemed necessary or advisable to do so.

Therefore, the law at the present time allows both men and women who are subject to dipsomania or inebriety to be committed to an insane hospital without a hearing.

By chapter 414, Acts of 1889, the Massachusetts Hospital for Dipsomaniacs and Inebriates was established for the reception of both men and women. By chapter 158, Acts of 1891, women were excluded. Thus men are provided for in a special institution, to which they usually go, but it is still necessary to send women to an insane hospital.

By chapter 266, Acts of 1899, a judge committing a dipsomaniac or an inebriate to the Hospital for Dipsomaniacs and Inebriates must grant such person a hearing, unless he waives in writing his right thereto. Inasmuch as this law applies only to commitments to this institution, it happens that a dipsomaniac or an inebriate of either sex may still be committed to an insane hospital without a hearing.

We therefore recommend that the provisions of chapter 266, Acts of 1899, be made applicable to any dipsomaniac or inebriate who may be committed to an insane hospital.

SUMMARY OF RECOMMENDATIONS.

The recommendations made on the previous pages of this report are here summarized, namely:—

1. That the State should adopt the policy of making each year for the present provision for about 400 patients.

2. That the State colony should be developed each year for the present to receive about 100 patients of this number. Fifty thousand dollars are already appropriated for this purpose, so that no appropriation will be needed this year.

3. That separate buildings for working patients should be gradually erected in connection with each institution having a farm.

4. That provision be gradually made for nurses outside of the wards, and, so far as practicable, in separate buildings.

5. That infirmary buildings be gradually constructed for the care of the sick, feeble and aged in connection with each institution.

6. That the provisions of chapter 266, Acts of 1899, providing for a hearing in the commitment of dipsomaniacs and inebriates to the Hospital for Dipsomaniacs and Inebriates, should be made applicable to the commitment of such to insane hospitals.

Estimates for Appropriations to the State Board of Insanity.

APPROPRIATIONS, — FOR WHAT REQUIRED.	Esti- mates for 1901.	Amounts appro- priated for 1900.	Increase or Decrease.	Citation of Statute Provisions relating to Expenditures.
Travelling and office expenses, . .	\$5,000	\$5,000		Chapter 433, Acts of 1898, sections 1-3; chapter 88, Acts of 1900.
Salaries of officers and employees, ¹ .	14,700	12,900	Increase of \$1,800.	
Transportation and medical examina- tion of insane paupers. ²	9,500	12,000	Decrease of \$2,500.	
Support of insane paupers boarding out in families. ³	8,000	7,000	Increase of \$1,000.	
	\$37,200	\$36,900	Increase of \$300.	

¹ The sum requested for salaries exceeds the appropriation of last year by \$1,800, for the following reasons: (1) to increase the annual salary of the woman transportation officer from \$600 to \$700, for length and efficiency of service; (2) to provide \$200 additional for extra service for doing irregular work already planned; (3) to pay the salary of one medical visitor at \$1,500 per annum.

² Our experience of the past two years shows that the appropriation for transportation and medical examination can be reduced \$2,500 without curtailing necessary work.

³ The support for one year, at the regular hospital rate of \$3.25 per week, of the State patients now boarded out in private families, will amount to about \$6,000. We expect to increase the number during the coming year by about 12 State patients, whose maintenance, at \$3.25 per week, would amount to \$2,028. If such increase should be approved, it would be necessary, therefore, to add \$1,000 to the amount appropriated last year.

ESTIMATES FOR SPECIAL APPROPRIATIONS TO INSTITUTIONS.

The Board is required to embody in its annual report a properly classified and tabulated statement of the estimates for the ensuing year for special appropriations to the State institutions under its supervision, according to the provisions of section 4, chapter 433, Acts of 1898, namely : —

The board shall embody in its report a properly classified and tabulated statement of the receipts and expenses of the said board, and of each of the several state institutions under its supervision for the said year, and a corresponding classified and tabulated statement of their estimates for the year ensuing, with its opinion as to the necessity or expediency of appropriations in accordance with said estimates ; but this provision shall not apply to estimates for the ordinary expenses of said institutions. . . .

Further, the Board inspects all plans and specifications for new buildings, extension or alteration of existing buildings involving an expenditure of more than \$2,000, in compliance with section 10 of the same act, namely : —

The board shall inspect all plans for new buildings which are to be used by the Commonwealth as institutions coming under the supervision of the board, and for the extension or alteration, involving an expenditure of more than two thousand dollars, of existing buildings which are to be or are already so used. No such new building shall be erected and no such extension or alteration shall be hereafter made unless the plan and specifications for the same have been first approved by the board.

Preliminary to the granting by the Legislature of an appropriation for such purpose, this statute imposes upon the Board the duty of investigating the nature of the proposed work, as well as the general plan and method of its execution, in order to determine : —

1. Whether the particular institution stands in need thereof.
2. Whether immediate action is advisable.
3. What should be the reasonable cost thereof.

After the Legislature has authorized such an appropriation, the Board examines the final plans and specifications

according to which it is to be expended, and signifies its approval before the work can be lawfully undertaken. Such approval involves : —

1. Satisfactory plans and specifications.
2. The submission of actual bids from reliable contractors, showing that the work can be fully completed within the limits of the appropriation available therefor.

The Worcester Insane Asylum and the Hospital Cottages for Children do not petition this year for any appropriation. The estimates of the other institutions for appropriations other than for current expenses are classified and tabulated as follows : —

Tabulation of Estimates for Special Appropriations for Institutions.

INSTITUTIONS.	Object.	Opinion of State Board.	Amount recommended by State Board.	Amount asked by the Trustees.
Worcester Hospital, ...	Building for 60 nurses, including furnishing and equipping.	Approved, ...	\$45,000	\$60,000
Taunton Hospital, ...	Building for 55 nurses, including furnishing and equipping.	Approved, ...	\$39,000	\$39,000
	General repairs, ...	We believe such repairs should be included under "ordinary expenses" of the hospital, and, therefore, are not within our jurisdiction.	-	5,000
Northampton Hospital, ...	Infirmary building for 60 patients and for temporary quarters for 25 nurses, including furnishing and equipping.	Approved, ...	\$55,000	\$55,000
	Barn, cow stable, silos and storage, ...	Approved, ...	15,000	15,000
	Extension of sewerage system to connect with city sewer.	Approved, ...	2,500	2,500
Danvers Hospital, ...	Building for 40 working patients and necessary employees, including furnishing and equipping.	Approved, ...	\$25,000	\$25,000
	Scales, tracks and cars for weighing and moving coal from coal bunkers to boilers and disposal of ashes.	Approved, ...	5,000	5,000
	For rebuilding greenhouse, ...	Approved, ...	2,000	3,000
	Pointing and painting outside of buildings, and renewing woodwork, sashes and sun-rooms.	Owing to the difficulty of estimating the cost of such repairs, we recommend a sufficient appropriation for the work of the coming year, which may be used as a basis to determine the amount needed for their completion.	5,000	10,000

	Detached surgical operating buildings, . . .	We approve of ample facilities for surgical work, but believe that they should be a part of an infirmary or other building.	-	5,000
	Kirkner bender fire-escapes, ...	We fully appreciate the necessity of taking every necessary precaution against casualty from fire, but the present fire-escapes of this institution have been approved by the State inspector, and are, in our judgment, adequate to avoid such danger.	-	6,000
Westborough Hospital, ...	Purchase of farm of 127 acres; construction and repair of buildings for 100 patients; water supply and sewage disposal for the same.	Approved, ...	\$50,000	\$50,000
	Three new 125 horse-power boilers and setting; changes in lines and piping; new feed pump; apparatus for utilizing exhaust steam; covering all return pipes of the main buildings.	We approve, but do not recommend any special boiler or apparatus.	12,500	12,500
	New ice house, ...	Approved, ...	1,600	1,600
	Painting inside walls of Talbot building, . .	Approved, ...	1,600	1,600
	Extension of ward 7 dining-room; fencing land; new heater installed in Stanley house; purchase of stock for new farm and laundry machinery.	Approved, ...	1,900	1,900
Medfield Asylum, ...	Building for 70 nurses, including furnishing and equipping.	Approved, ...	\$50,000	\$50,000
	Addition to cow barn, ...	Approved, ...	6,000	6,000
Asylum for Insane Criminals, . .	Building of 22 rooms for nurses, including furnishing and equipping.	Approved, ...	\$15,000	\$15,000
Asylum Wards State Hospital, . .	Furnishing, heating and lighting new asylum building.	Approved, ...	\$10,000	\$10,000

Tabulation of Estimates for Special Appropriations for Institutions — Concluded.

INSTITUTIONS.	Object.	Opinion of State Board.	Amount recommended by State Board.	Amount asked by the Trustees.
Hospital for Dipsomaniacs, . . .	Building for workshops, ...	Approved, ...	\$2,500	\$2,500
	Purchase of land, ...	Approved, ...	450	450
	Additions and alterations to piggery, ...	Approved, ...	600	600
Hospital for Epileptics, ...	Furnishing and equipping new buildings and offices.	Approved, ...	\$20,000	\$25,300
	Purchase of farm, ...	Approved, ...	3,500	3,500
	Inside painting, ...	Approved, ...	1,100	1,100
	Laundry machinery, ...	The need of better laundry facilities is urgent, but in our judgment there is no suitable place in which to install new machinery for such purpose; therefore we approve a new laundry building and machinery for present requirements.	9,500	3,500
	Piggery, ...	Inexpedient, ...	-	2,000
	Coal shed, ...	Inexpedient, ...	-	3,200
	Repair and extension of farm buildings, ...	Inexpedient, ...	-	5,000
School for the Feeble-minded, ...	Extension of electric light plant, ...	Inexpedient, ...	-	600
	Purchase of additional land, ...	Inexpedient, ...	-	1,000
	Additions to present buildings for hospital and laundry purposes, for employees, for storage, and extension of boiler house chimney.	Approved, ...	\$25,000	\$25,000

REVIEW OF THE YEAR.

New Legislation.

General legislation relative to the insane was enacted by the Legislature of 1900, as follows : —

[ACTS OF 1900, CHAPTER 451.]

AN ACT TO PROVIDE FOR THE CARE OF THE INSANE BY THE STATE BOARD OF INSANITY AND TO ESTABLISH THE STATE COLONY FOR THE INSANE.

Be it enacted, etc., as follows :

SECTION 1. The Commonwealth, from and after the first day of January in the year nineteen hundred and four, shall, by the officers and boards authorized thereto, have the care, control and treatment of all insane persons who are now cared for by the Commonwealth, or by any city or town, or by any board of officers thereof, or who may be committed to the institutions of the Commonwealth established by law for the care of the insane ; and no city or town shall hereafter establish any asylum or other institution for the care of the insane, nor after said date maintain any such institution or be liable for the board, care, treatment or act of any insane person. As soon as practicable after the first day of January in the year nineteen hundred and four the state board of insanity may transfer all insane persons who are cared for by the Commonwealth or by any city or town or by any board of officers thereof, and who are not cared for in any hospital, asylum or receptacle maintained by the Commonwealth, to such hospital, asylum or receptacle so maintained, as the said board of insanity may deem expedient ; but nothing contained in this act shall be held to prevent the state board of insanity from placing insane persons at board in accordance with the provisions of law.

SECTION 2. The hospitals now or hereafter established and maintained by the city of Boston for the board, care and treatment of the insane, and all insane persons who have a settlement in said city, shall be excepted from the operation of this act and shall be and remain under the operation of the existing acts relating to insane persons ; and the bills for the board, care and treatment of patients in said hospitals, from and after said first day of January, at the rate of three dollars and twenty-five cents per week, or as hereafter fixed by the legislature, shall be paid by the Commonwealth, except the bills of patients who, or whose kindred bound by law to support such patients, are of sufficient ability to pay for

such board, care and treatment as determined by the board having charge of said hospitals.

SECTION 3. The state board of insanity is hereby authorized, with the approval of the governor and council, in the name and behalf of the Commonwealth, to take, by purchase or otherwise, a tract of farming or other land, suitable in its judgment for the establishment of a receptacle for the care, custody and control of the insane. Said tract shall consist of not less than fifteen hundred nor more than twenty-five hundred acres, and may include buildings or other chattels thereon. In the event of the taking of said lands and buildings by the said board the board shall file in the registry of deeds for the county and district within which the said lands and buildings are situated, a description of the lands and buildings so taken, with a statement, signed by said board or a majority thereof, that the same are taken under the provisions of this act in the name and behalf of the Commonwealth; and the act and time of filing thereof shall be deemed to be the act and time of the taking of such lands and buildings, and shall be a sufficient notice to all persons that the same have been so taken. The title to all the lands and buildings so taken shall vest absolutely in the Commonwealth and its assigns forever. The Commonwealth shall be liable to pay all damages sustained by the owners of such lands or buildings by reason of the taking thereof. Said state board shall have full power, subject to the approval of the governor and council, to settle by agreement or arbitration the value of the lands and buildings taken as aforesaid; and if not so settled the value shall be assessed by a jury at the bar of the superior court for the county in which the lands and buildings are situated, upon petition, to be filed in the office of the clerk of said court by the persons owning said lands and buildings, within one year after such taking and not afterward.

SECTION 4. When the state board of insanity shall have acquired for the Commonwealth the tract of land authorized by the third section of this act to be purchased or taken as a receptacle for the insane, the governor, with the advice and consent of the council, shall appoint a board of seven trustees, two of whom may be women, in which board shall be vested the government and management of such receptacle, with the same powers and duties as are prescribed in chapter eighty-seven of the Public Statutes and all acts in amendment thereof; and the provisions of said chapter and of any such acts in amendment thereof, so far as the same are applicable, shall apply to the management of said receptacle.

SECTION 5. The receptacle for the insane established by this act shall be known as the State Colony for the Insane; and the

trustees thereof shall be a corporation, for the purpose of taking and holding by them and their successors in trust for the Commonwealth any grant or devise of land, or any gift or bequest of money, or other personal property, made for the use of the institution of which they are trustees, and for the purpose of preserving and investing the same or the proceeds thereof in notes or bonds secured by sufficient mortgages or other securities, with all the powers necessary to carry said purposes into effect; and they shall have authority to expend any gift or bequest, or any part thereof, in the erection of new buildings on the land belonging to said colony: *provided*, that all such buildings shall belong to the colony and be managed as a part thereof.

SECTION 6. The trustees shall be removable only for sufficient cause, and their term of office shall be for five years; but of those first appointed one member shall hold office for five years, two for four years, one for three years, two for two years and one for one year, from the first Wednesday in February following the acquisition by the Commonwealth of the tract for the state colony for the insane. Said trustees shall upon their appointment proceed to obtain plans and to construct such buildings as may be required for the establishment of a farming colony for the insane; and shall appoint a superintendent, who shall be a physician, and such other officers and assistants as may be required. They shall submit all plans for buildings to the state board of insanity, as provided by section ten of chapter four hundred and thirty-three of the acts of the year eighteen hundred and ninety-eight; and the state board of insanity shall exercise the supervision over the colony established by this act provided for by section nine of said chapter four hundred and thirty-three; and all the provisions of said chapter that may be applicable are hereby extended to said colony.

SECTION 7. To meet the expenses to be incurred under the provisions of this act the state board of insanity may expend a sum not exceeding twenty-five thousand dollars in acquiring the land, buildings and chattels provided for in section three of this act; and a sum not exceeding fifty thousand dollars may be expended under the direction of the trustees provided for in section four of this act, for repairs of such buildings as may be acquired under section three of this act, and for the construction of new buildings and for the care and maintenance of the colony for the insane.

SECTION 8. As soon as the colony provided for by this act is ready for the reception of patients the trustees shall give notice to the governor, who shall make proclamation that, upon a given day, the said colony will be opened for the reception of patients; and

thereafter the state board of insanity shall, in its discretion, transfer from the state insane hospitals and asylums, and from the state hospital, to said colony, such of the chronic insane as are in its judgment the most suitable to be so transferred; and after the first day of January in the year nineteen hundred and four, the said board may transfer and remove to such state hospitals, state asylums, state hospital, the hospital for epileptics, or the colony for the insane, as it may deem proper, all of the insane in any almshouse or other receptacle not maintained or controlled by the Commonwealth; and the state board of insanity shall have power, in its discretion, to transfer insane patients to and from the state colony for the insane and the other hospitals, asylums or receptacles for the insane maintained or controlled by the Commonwealth.

SECTION 9. This act shall take effect upon its passage. [*Approved July 11, 1900.*]

[ACTS OF 1900, CHAPTER 350.]

AN ACT RELATIVE TO THE COMMITMENT OF INSANE PERSONS TO
INSANE ASYLUMS.

Be it enacted, etc., as follows:

SECTION 1. A person applying for the commitment or for the admission of an insane person to a state insane hospital under the provisions of chapter eighty-seven of the Public Statutes, or for commitment of a dipsomaniac under the provisions of chapter three hundred and thirty-nine of the acts of the year eighteen hundred and eighty-five, or under the provisions of chapter four hundred and fourteen of the acts of the year eighteen hundred and eighty-nine, shall first give notice in writing to the overseers of the poor of the place where the insane person or dipsomaniac resides, except that in the city of Boston such notice shall be given to the institutions registrar, and also to the chairman of the insane hospital trustees, of his intention to make such application; and satisfactory evidence that such notice has been given shall be produced to the justice in cases of commitment. But this act shall not apply to cases provided for in section one of chapter four hundred and thirty-eight of the acts of the year eighteen hundred and ninety-eight.

SECTION 2. This act shall take effect upon its passage. [*Approved May 25, 1900.*]

The State Board.

The Board regrets to record the resignation of Hon. Edward S. Bradford, one of its original members, in consequence of his election as Treasurer of the Commonwealth.

His long experience in public life and executive work, his tact, courtesy and foresight, were of the greatest value in organizing and shaping the policy of the new board. The following resolutions were unanimously adopted :—

Resolved, That the members of the State Board of Insanity, while congratulating their fellow member, Mr. Bradford, upon his election to a position of honor and responsibility, regret exceedingly that it necessitates his withdrawal from the Board. Having entered with the other members upon new and untried duties in a difficult field of labor, we desire to express our appreciation of the great ability with which he has discharged those duties ; and

Resolved, That in parting with him we recall with satisfaction the pleasant official relations existing between us.

Hon. Albert L. Harwood of Newton Centre was appointed his successor by Governor Crane.

The Board has met regularly upon the second Wednesday of each month, and has also held twenty-three special meetings, usually having a fortnightly and frequently a weekly meeting.

Twenty-nine special investigations have been made with reference to the mental condition or treatment of patients in institutions, almshouses or private families, at the request of the various parties interested.

Plans and specifications for new buildings, or additions and alterations to existing buildings, have been examined and approved, as follows :—

Oct. 11, 1899, building for chapel, gymnasium and hydro-therapeutic treatment at the Hospital for Dipsomaniacs and Inebriates.

Nov. 8, 1899, new building for patients at the Asylum for Insane Criminals.

April 25, 1900, three cottages at the Templeton colony of the School for Feeble-minded.

May 31, 1900, infirmary building, two infirmary cottages, cottage for sane women, kitchen and dining-room building and boiler house at the Hospital for Epileptics.

July 25, 1900, alterations and additions to the basement under the North Johonnot building, providing for a dining-room for women patients, at the Worcester Asylum.

Aug. 8, 1900, new laundry building for Danvers Hospital.

Sept. 12, 1900, farmer's cottage at the Templeton colony of the School for Feeble-minded.

Sept. 12, 1900, additions and alterations in the laundry building and boiler house at the Worcester Hospital.

Sept. 12, 1900, for reconstructing and extending the heating system, including the purchase of a new boiler, improving the lighting system and making an addition to the boiler house for a new dynamo room at the Hospital Cottages for Children.

Licenses to maintain private institutions for the care and treatment of the insane have been granted, upon recommendation of the Board, to Simeon O. Pilling, M.D., of Newburyport, and to J. Frank Perry, M.D., of the Blue Hills Sanitarium, at Milton.

The usual visits of inspection to institutions have been made by the Board, in addition to one hundred and fifty-three such visits by its executive officer and deputy executive officer.

Two conferences with the trustees of the different institutions under supervision have been held for the consideration of matters of mutual interest. At the conference of Dec. 7, 1899, the subject for discussion was "Estimates for special appropriations to State institutions, in accordance with section 4 of chapter 433 of the Acts of 1898;" at that of June 11, 1900, "The proposed method of expenditure in certain State-institutions."

The Public Institutions.

The different institutions have been well managed, and their condition is generally satisfactory.

General Health.

The physical health of patients and others has been good, as a rule. The exceptions appear to have been due to causes originating in outside conditions. The annual epidemic of influenza invaded most of the institutions, as usual.

At the Worcester Hospital, which has been exempt for over ten years from any serious epidemic, diphtheria appeared almost simultaneously on the male and female wards, in the centre building and at the farmhouse. The first case

was observed Nov. 30, 1899, in an attendant on the male wards. A week later two of the junior assistant physicians, the wife of the assistant superintendent and one of the female nurses were attacked, without having come in contact in any way with the first case. A day later one of the servants at the farmhouse, who had been only forty-eight hours on the place, came down with the disease. All the cases were properly isolated, and every precaution taken against infection. Antitoxine was employed in treatment, and administered in immunizing doses to all who had been exposed to the disease. Of the twenty-seven cases, two men and seven women were patients, eleven men and seven women were officers and employees. The disease ran a mild course; there were no deaths.

At the Taunton Hospital, as in previous years, malaria has prevailed to a considerable extent. Eighty-two patients and twenty-two nurses and employees, or about ten per cent. of the entire population of the institution, suffered from it. The type has been more severe than in previous years, and less amenable to treatment. An equal prevalence of the disease was observed in the city of Taunton, owing, perhaps, to the digging up of the streets in putting in a sewerage system. The small pond and river just in the rear of the hospital, which are polluted by the sewage emptied into the stream as it flows through the city in a tortuous course, were drawn down to a low level frequently during the spring and summer, and may have been a factor in causation.

At the Northampton Hospital the epidemic of typhoid fever, which began in September, 1899, continued into December. Several mild cases have occurred at intervals since. Fifty-three patients and twenty-four employees were thus afflicted; two nurses and seven patients died; one other patient died in epileptic status while suffering from the disease. The State Board of Health, at the request of the trustees, investigated the origin of the epidemic, and is of the opinion that its source was the celery grown upon beds fertilized from sewerage areas which had been infected with typhoid bacilli. Some time before the outbreak of this epidemic an assistant physician was attacked with typhoid

fever soon after returning from a vacation, and was treated at the hospital.

A considerable number of cases of malarial fever occurred in the spring and summer months, although in the last ten years there have been but two or three. They have been of mild character, and have yielded readily to treatment.

At the Danvers Hospital much attention has been given to the detection and study of tuberculosis. The superintendent says, in his annual report: "The presence upon our wards of cases of tuberculosis, with active lesions and profuse sputum, is a serious menace to the non-tubercular, and cannot be viewed without apprehension; yet under the present conditions there is no other means of caring for our tubercular cases except in the wards, in close contact with the non-tubercular." Equal danger pertains to all the other institutions, and has been a source of anxiety and thought for some time. We agree that the subject deserves the most serious consideration, and is a matter presenting many difficulties in its satisfactory solution.

At the Worcester Asylum, those patients who require special nursing on account of mental or physical infirmity have been gathered into one ward, which is provided with special day and night service.

At the Medfield Asylum, the superintendent notes a distinct improvement in the general health of the patients and a smaller proportion of the bedridden.

Medical Work and Treatment.

Within a comparatively short period, important advances have been made in the methods and quality of medical work in our hospitals, following an increase of the regular staff of assistant physicians, the addition of special pathologists and of medical internes or junior assistant physicians.

Formerly an assistant physician in a State hospital for the insane was burdened by the daily routine of administrative duties, so that he found little time for more than a superficial study of his patients clinically, and fewer opportunities for acquiring a thorough knowledge of the literature of insanity.

Although an adequate equipment for the satisfactory study of the wealth of clinical and laboratory material to be found

in such hospitals has not been attained, yet substantial progress has been made in this direction, as may be seen from a comparative statement of the number of such workers ten years ago and at present : —

	YEAR.	NUMBER OF —			Daily Average Number of Patients.	Number of Patients to One Physician.
		Assistant Physicians.	Pathologist or Clinical Director.	Internes or Junior Assistant Physicians.		
Worcester Insane Hospital, . . {	1890	5	-	-	811.48	162.29
	1900	4	1	4	1,016.89	112.98+
Taunton Insane Hospital, . . {	1890	4	-	-	639.49	159.87
	1900	4	1	2	861.30	123.04
Northampton Insane Hospital, . {	1890	3	-	-	470.50	156.83
	1900	3	-	-	576.33	192.11
Danvers Insane Hospital, . . {	1890	4	-	-	782.27	195.56
	1900	4	1	2	989.00	141.28
Westborough Insane Hospital, . {	1890	4	-	-	474.69	118.67
	1900	4	1	-	662.29	132.45+

The recent employment of stenographers has relieved the assistant physicians of much clerical work, while a larger corps of better trained nurses has freed them from many minor duties.

Although the medical work in the different State hospitals has not been equally developed, the general trend is toward the methods of the Worcester Hospital, which are representative of the highest type. Here it is put in the immediate charge of the director of clinical work and of laboratory, who thus describes his organization and aims : —

The general arrangement of the work has been changed in several respects. The daily staff meetings have been abandoned, and the time gained has been mainly devoted to a more extended observation and examination of the patients on the four services. The four floors of the hospital have been divided into two services on both the male and female side. The ground floor remains the

chief admission service; the second floor becomes a second admission service, mainly for the chronic cases. The physician in charge of the second admission service is further responsible for the third and fourth floors, with the asylum cases, the junior assistant of the second admission service taking practically the work of the fourth floor, so as to relieve the senior somewhat. The four junior assistants gave all their time to clinical work, including the clinical laboratory work, which has been extended somewhat, as compared with previous years. They also took their share in the autopsy work, whereas the working up of the specimens resulting from the autopsies passed into the hands of a special laboratory assistant, appointed Jan. 1, 1900. This made the laboratory work much more uniform and reliable, — far more than in the previous years, when one set of inexperienced assistants took their turn of six months of laboratory work, and then made place for another set of inexperienced men. The appointment of a special laboratory assistant and of a druggist has done much to make the work smoother, and to bring us nearer the practical balance of means and aims asked for in the last report. . . . The fundamental principle which underlies our own efforts towards the improvement of psychiatry, and distinguishes them from the methods adopted in practically all the other places, is this, that we are not satisfied with a scientific department simply, grafted somewhere in the traditional asylum, but seek the growth of the whole hospital idea, in conformity with the principles of modern medicine. . . .

There seems to be a general idea that what is to be demanded of the hospitals for the insane is "special investigations." That such studies have been made will be seen presently. These are partly given as preliminary accounts of experience sufficiently mature to warrant publication, and are partly of a didactic nature. Any one who tries to follow the work of the hospital will see, however, that the greatest effort goes in the direction of laying foundations. There is no branch of medicine so little prepared to make use of all the new methods of investigation as psychiatry. When bacteriology began to grow, the clinical and anatomical knowledge of consumption was ready for the tubercle-bacillus, erysipelas for the strepto-coccus, typhoid fever for the typhoid bacillus, malaria for the plasmodium, etc. But is the hospital for the insane, with its "acute and chronic manias and melancholias," ready for the psychological laboratory? Here the leap from ordinary hospital habits into scientific work is more difficult, because the safe clinical foundation is lacking, and, owing to the slow course of the diseases, difficult to establish. That short cuts cannot be made in this direction is demonstrated over and over again

by the failures of all attempts which disregard the clinical foundations.

The following contributions have come from the hospital this year: the articles on mania, melancholia, monomania, moral insanity, paranoia, periodicity, psychoses, for Prof. M. Baldwin's "Dictionary of Psychology" (in press). Other studies ready for the press are: the report on eight cases who died with a peculiar symptom-complex, and findings in the autopsy which led to the establishment of a very interesting pathological complex, provisionally called "central neuritis;" further descriptions of a tumor of the hypophysis in acromegaly, with new formation of ganglion cells; and of an instance of a metastatic tumor of the thyroid, and several other observations in the field of tumors. A number of other studies have been considerably advanced. The collection of serial sections of normal and pathological brains and of the results of autopsy studies has been increased considerably.

During the coming year special attention will be devoted to the question of the usefulness of various methods of examination which have been introduced into general medicine of late years; to the determination of the bearing of studies of the blood and the secretions, etc.; and to a careful investigation of the experience obtained by the respective specialists using these methods outside of the field of psychiatry.

At the Taunton Hospital the acute cases for the most part have been gathered into an open ward in each of the infirmaries. The superintendent thinks the experience of the year has shown that even excitable cases can be cared for better on an open ward, under the constant observation of the nurses, than in rooms by themselves.

The pathological department has been conducted as heretofore. Seventeen autopsies have been made. Frequent cultures have been taken with the aid of a newly acquired outfit for bacteriological work. Each member of the medical staff has spent several weeks in the laboratory, coming into closer touch with its work. Daily staff meetings have been held during the year. Greater prominence has been given to the clinical examination of patients. It has been found impossible, with the limited number of assistant physicians, to thoroughly study each of the large number of patients admitted, so that it has been necessary to give each such investigation as was required for intelligent treatment,

and to devote special study to a selected number, the selection being made from recent cases with a satisfactory previous history and likelihood of remaining under observation for a considerable time, either in the hospital or within accessible distance. An effort is being made to follow the history of patients after their discharge from the hospital.

At the Northampton Hospital the chief aim of treatment has been the removal of causes of disease, the withdrawal of patients from unfavorable environment and the improvement of their general nutrition. The means have been rest, nutriment, tonics and diversion by occupation and amusement. The use of hypnotics has been rare. Fifty-eight patients have been treated by the wet pack, with benefit in all but two. Quiet and sleep have followed its use in acutely maniacal conditions, improved physical health in depressed and chronic cases.

All the pathological work has been done by the regular staff. Eight autopsies have been performed. In addition to the systematic chemical and microscopic examinations of the blood and excretions of patients admitted, about five hundred have been made of the blood in typhoid and malarial fever cases.

The superintendent believes that such practical work, with more careful observation of patients and better records, comprises what the average hospital can reasonably hope to do at present in the line of pathological and laboratory work, and that the advanced study of psychological questions, which is complementary to the regular clinical work, should be carried on thoroughly at some one place in the State.

At the Danvers Hospital several important surgical operations have been performed by the medical staff, with the aid of consulting surgeons, with gratifying results in nearly every instance. The superintendent thinks that such work, especially in the line of gynæcology, should receive attention in our institutions in every case where indicated and admissible, inasmuch as it not infrequently means saving of life as well as mental improvement or recovery. He makes a plea for better facilities for its performance. Although we do not approve of a detached building for this purpose, as he recommends, but prefer adequate provision in connection

with a hospital ward or infirmary building, yet we are heartily in sympathy with the general proposition.

The necessities of ward work have required a considerable part of the time of the pathologist, his special line of investigation having been thus interrupted. Nevertheless, seventy-one post-mortem examinations have been made, — a larger number than in any previous year. The brain and other organs likely to present interesting conditions have been examined microscopically as a matter of routine. The pathological department is conducted in close relation to the clinical work, and contributes much to greater accuracy in the diagnosis of disease.

The blood vessels in the brains of patients dying of certain forms of disease have been the subject of special investigation during the year. All the records of post-mortem examinations since the hospital was opened have been indexed. Reports of three cases of general paralysis in young women have been published by the pathologist in the "American Journal of Insanity," and a report of a case of patent foramen ovale in advanced life in the Boston "Medical and Surgical Journal."

The Westborough Hospital is fortunate in having the Talbot building, to which it may withdraw its quiet acute cases from the chronic patients in the main hospital. Such separation and environment are exceedingly beneficial. Much stress is laid upon the rest treatment, massage, electricity and hydro-therapeutics.

The pathological laboratory is under the direction of a special pathologist. Thirteen autopsies have been performed during the year. The brain and other organs have been examined microscopically whenever possible. Pathological specimens are being preserved, forming the nucleus of a future museum. Many examinations of the blood, urine, sputa, etc., have been made. This department assumes more clinical importance.

At the Hospital for Epileptics medicines are administered rather sparingly, other means of treatment seeming more efficient. Regularity of life, diet, sleep, work, baths, massage and electricity have been the main reliance.

At the Hospital for Dipsomaniacs and Inebriates most of

the patients on admission require medical attention. Many of them are on the verge of delirium tremens, or actually suffering therefrom. Much acute disturbance of the digestive organs, sleeplessness and general physical debility exist. Subsequent to the relief of acute symptoms, the main object of treatment is the restoration of bodily vigor by physical training, hydro-therapeutics and appropriate medicinal measures

Training Schools for Nurses.

The need of better trained nurses is felt in all the institutions. Training schools for their systematic instruction have been established for some years in the Danvers, Taunton, Northampton and Westborough hospitals, and in the State Hospital at Tewksbury. During the past year others have been formed at the Boston Insane Hospital and the Hospital for Epileptics. The superintendent of the Worcester Hospital contemplates the formation of one as soon as a nurses' home can be erected.

At the Worcester Asylum special lectures have been given to the nurses, as in former years. By an arrangement with the Worcester City Hospital, a few of them have been afforded the opportunity of pursuing there a course of instruction in general nursing.

The other institutions provide some special instruction to their nurses, and are looking forward to the formation of training schools as soon as feasible.

Occupation of Patients.

In all of the institutions the patients have been, as usual, of much assistance in the ward and general housework, as well as in the laundry and other departments. Commendable progress has been made in occupying and developing them in other kinds of employment.

The superintendent of the Worcester Hospital gives an interesting illustration of what may be accomplished by demented patients : —

During the spring and summer a large number of male patients were employed in clearing up the land in the rear of the hospital. They were selected from the more demented class on the wards,

and, although an unpromising lot at first, as far as their ability to do intelligent work went, and difficult to direct, they built during the season nearly half a mile of macadamized road (digging out and breaking up the stone therefor), and cleared and graded some four acres of land. As we now have an abundance of such employment available, it is our purpose during the coming season to select some competent person, and make it his special duty to get out patients from the wards, and instruct and direct them in this work. We also hope to be able in the near future to build a rough and inexpensive building near our stone quarry, in which the work of breaking stone can be carried on through the winter.

At the Taunton Hospital about sixty per cent. of all the patients have been occupied in some useful way. More and better work has been done by them in the industrial building. All of the boots and shoes and most of the clothing for both men and women patients have been thus manufactured.

At the Northampton Hospital patients have been of much service in the construction of the new horse stable. With the exception of a few masons, it has not been necessary to employ outside help. All of the excavating for the cellar, much of the framing, all of the mixing mortar, tending masons and carrying materials to other workmen have been done by them. The superintendent reports that the patients are eager to do this work, and have been much improved mentally.

At the Westborough Hospital fifty-five per cent. of the men and forty-one per cent. of the women patients have done some useful kind of work. A large amount of grading and road building has been accomplished by them.

At the Worcester Asylum a tailoring department has been established. It is under the direction of an experienced tailor, whose only helpers are men patients. Many of the latter have declined to work heretofore, but have been thus interested and induced to busy themselves. The superintendent believes that other patients who have been considered incorrigible in the matter of work can be persuaded to do likewise.

At the Medfield Asylum tailoring and mattress making have been done by patients in a room recently provided for

that purpose. The superintendent thinks that the reduction in the cost of support was due in part to the successful working of the new industrial departments, and that the condition of the patients has been improved and their happiness and contentment promoted. It is interesting to note the employment of excited and disturbed patients under suitable attendants in the grading of new filtration areas for sewerage purposes for this asylum.

At the Asylum for Insane Criminals a large number of patients have been employed as heretofore in the chair shop.

At the State Hospital at Tewksbury a large part of the farm work is done by the insane men.

At the Hospital for Epileptics fifteen patients have been employed in the industrial room in tailoring, shoemaking, printing, repairing furniture and the like. Much grading and road building about the institution have been done by them.

At the School for the Feeble-minded about twenty acres of land have been tilled by the boys and one employee. At the Templeton colony, connected with this institution, about fifty boys have been at work constantly during the summer, farming, excavating and doing other work in the construction of new cottages.

At the Hospital for Dipsomaniacs and Inebriates suitable occupation is required of each patient, according to his condition, as a part of the remedial treatment. The greatest benefit is obtained from out-door work, and a majority of the men labor upon the farm or grounds for five hours of the day. Exercise in the gymnasium for an additional hour is prescribed. Patients who cannot be trusted on parole, work an equal length of time in the broom shop.

Structural Additions and Improvements.

The usual repairs and minor improvements have been made at all of the institutions.

At the Worcester Hospital the chapel wing extension, which was begun last year, has been nearly completed, and will be ready for occupancy early next spring. It is one hundred and eight feet long by forty-eight feet wide and three stories high, built of stone from the quarry belonging

to the institution. On the first floor will be dining and sitting rooms for the help; on the second floor, similar rooms for women nurses. At the end of the building on each of the three main floors will be a room forty-three by twenty-four feet, that on the first floor being intended for a sewing-room and connected by a covered way with the laundry, those on the second and third floors for work rooms for the patients.

The attic will be finished into living rooms for the general employees. The basement is entirely above ground, and having direct communication with the kitchen will provide a passageway for the delivery of food and supplies to the wards. The remaining space will provide store rooms for the matron and steward.

At the Taunton Hospital a small cottage at the Briggs' farm has been renovated for the occupancy of patients and a good-sized hennery built.

At the Northampton Hospital the interior of the administration building has been completed, and a new and roomy horse stable erected.

At the Danvers Hospital five new boilers of the horizontal tubular type, of one hundred and eighteen horse-power each, have been put in to replace the eight old boilers. An addition was made to the boiler house for a dynamo room. An electric lighting system has been installed and is now in operation throughout the institution. This work was begun last year.

A detached laundry building is being constructed of brick. It is one hundred feet long by forty feet wide, with a projection from the centre of one side sixty feet long by forty feet wide. It is one story in height, and has a basement through which clothing is delivered from the main hospital.

At the Boston Insane Hospital electric plants have been installed at the Austin and Pierce farms, thus abolishing the use of gasoline for lighting purposes throughout the institution. Further precaution against fire has been taken by the addition of new fire-escapes and an improved water service.

At the Worcester Asylum a congregate dining room for about one hundred and fifty male patients has been finished

off in one of the basements, which is above ground. A similar room for women is being constructed. The space now occupied by the former ward dining rooms will add about thirty beds to the capacity of the asylum. The electric plant has been completed, and now furnishes light and power for the institution.

At the Asylum for Insane Criminals the new wing is nearly ready for patients. It is built of brick, four stories high, and two hundred and thirty-six feet long by thirty-six feet wide. It provides one hundred and thirty-four single rooms and four pleasant day rooms. One of the latter will be used for a hospital ward. A kitchen for the exclusive use of the asylum is being erected.

At the Hospital for Dipsomaniacs and Inebriates the new gymnasium building has been completed and occupied. It is constructed of brick, and consists of a main part sixty feet long by forty-five feet wide, with a rear extension forty-seven by thirty-nine feet. The former will provide a hall for the chapel services and gymnastic exercises. The latter contains a very complete arrangement of baths, according to the Baruch system of hydro-therapeutics.

At the Hospital for Epileptics four new buildings for patients and another for a kitchen and congregate dining room are being erected, in addition to an extension of the boiler house, all being constructed of brick. These are separated at some distance from each other, and located on the hillside just above the original buildings. They are heated and lighted from the central plants.

The infirmary will accommodate twenty patients of each sex of the sick and bedridden class. A special diet kitchen, dispensary, laboratory, operating room, system of hydro-therapeutics and mortuary will be provided for therein. The two infirmary cottages are alike, one being designed for thirty women and the other for an equal number of men of the feeble, aged and crippled class. Twenty of the more appreciative women epileptics will occupy the cottage which is the beginning of a group for sane epileptics. The dining room and kitchen building is one hundred feet long by fifty feet wide and two stories high. It will provide for those patients whose physical and mental condition will allow them

to go to a common dining room for their meals. The upper story will be used temporarily for an entertainment hall and work shop.

Two new horizontal tubular boilers, of one hundred and twenty-five horse-power each, have been set in the boiler house extension, and space has been allowed for four additional ones when needed.

The hospital has acquired the stone quarry adjoining the hospital farm and accessible to future building sites.

At the School for the Feeble-minded the superintendent thus describes the progress of the work on the Templeton estate : —

The development of our farm colony at Templeton has steadily progressed, in accordance with the plan outlined in the last annual report. Early in October a man was employed to live in one of the houses and have general care and oversight of the property. This man was kept busy through the winter teaming sand, lumber and brick, hauling firewood and storing ice for summer use. The place was thoroughly equipped with horses, carts, wagons and farming tools.

During the winter and spring four of the old farm houses were put in good repair; they were newly shingled and clapboarded, new sills and windows were put in, the old plastering was taken out where necessary and some of the chimneys were rebuilt. At two of these farm houses the ells have been remodelled to make dining and sitting rooms for the boys, and convenient kitchens and pantries have been arranged. In the rear of each of these two houses we have begun the construction of a group of two dormitory buildings. These detached dormitories are each twenty by fifty feet, one story, built of wood, wire lathed and plastered inside, with large open fireplaces. The foundations are of field stone taken from near-by stone walls. Nearly all of the lumber for these buildings was cut and sawed in the town of Templeton. Each dormitory will provide sleeping rooms for twenty-five boys, rooms for attendants and clothing rooms. The two groups of buildings will make comfortable provision for one hundred inmates, with the necessary officers and attendants. The dormitories at the farm house group will be ready for use within a few weeks; the two at Eliot hill will probably be completed before cold weather.

The laundry building, twenty-four by fifty feet, of similar construction, is already shingled and clapboarded, and will be ready for use as soon as needed.

We have also nearly completed a small new cottage, to be occupied by the farmer.

Four large new wells have been dug, one at each of the above-mentioned houses. These wells have an abundance of excellent water, and will probably supply all the water we need for domestic and laundry purposes for the first one hundred inmates.

At one of the farm houses temporary sheds were erected in the rear for dining room, bath room, clothes room, etc.; and to this camp on May 24 were transferred twenty-nine of our best workers from the school at Waltham, in charge of Mr. and Mrs. Hedman and several attendants. A few weeks later eighteen more boys were transferred. These boys have been at work all summer, excavating cellars, digging trenches, hauling stone and sand, and doing other work connected with the construction of the new buildings. It would have been very difficult to find men at Templeton to do this kind of work. They have also done some work on the farm. They have picked and shipped to the school at Waltham over one thousand boxes of berries. About four hundred bushels of potatoes and five hundred barrels of apples will be sent to Waltham this fall.

GENERAL STATISTICS.

The general statistics of the year and other data relative to admissions to, and discharges from, the public institutions are shown in the following tabulations:—

General Statistics for Public Hospitals.

	Worcester.	Taunton.	Northampton.	Danvers.	Westborough.	Boston.	Aggregate.
A.—Insane:—							
Patients in house Oct. 1, 1899,	965	853	590	977	628	507	4,520
Admitted within the year,	570	383	243	452	295	340	2,283
Whole number of cases within the year,	1,535	1,236	833	1,429	923	847	6,803
Discharged within the year,	347	287	157	231	214	272	1,508
as recovered,	88	105	58	51	72	51	425
as much improved,	77	32	37	52	45	18	261
as improved,	73	35	18	52	35	40	254
as not improved,	107	114	43	75	62	163	564
as not insane,	2	—	1	1	—	—	4
Deaths,	106	85	36	146	59	72	555
Patients remaining Sept. 30, 1900,	1,082	863	590	1,052	650	503	4,740
Viz.: supported as State patients,*	320	225	108	268	197	—	1,118
as town patients,*	584	567	401	681	356	439	3,028
as private patients,*	178	71	81	103	97	64	594
Daily average number of patients,†	1,016.89†	861.30†	576.33†	989†	662.29†	490.46	4,566.27
B.—Voluntary patients remaining Sept. 30, 1900,	—	—	—	1	17	1	19
C.—Dipsomaniacs and inebriates remaining Sept. 30, 1900,	8	4	—	—	5	—	17

* As reported by the hospitals.

† Includes inebriates and voluntary patients.

Admissions of the Insane to Public Hospitals.

	Worcester.	Taunton.	Northampton.	Danvers.	Westborough.	Boston.*	Aggregate.
Admissions of insane persons, ...	570	383	243	452	295	349	2,292
First admissions to any insane hospital, ...	437	289	183	352	213	281	1,755
Readmissions to any insane hospital, ...	133	94	60	100	82	68	537
Percentage of first admissions to any insane hospital, ...	76.66+	75.45+	75.30+	78.02	64.15+	78.93	75.16
Born in United States: Patients, ...	23.33	24.54	24.69	21.97+	35.84	21.06+	24.83+
Percentage to all admissions, ...	264	192	154	276	212	-†	1,098
Fathers, ...	45.83	49.74	63.63+	61.74	61.80+	-	55.06+
Percentage to all admissions, ...	126	73	106	147	144	65	661
Mothers, ...	21.87	18.91	43.80	32.88+	41.98	18.46+	28.17+
Percentage to all admissions, ...	126	71	105	143	145	60	650
Number of persons aged 70 years or over, †	21.87	18.39	43.39-	31.99	42.27	17.04+	27.70+
Percentage to all admissions, ...	35	30	30	37	25	34	191
Causes of insanity: Congenital, ...	6.02	7.71	12.34	8.13	7.28+	9.55	8.06+
Percentage to all admissions, ...	18	32	21	34	17	14	136
Heredity, ...	3.15+	8.42	8.71	7.65+	5.76	3.97+	5.96
Percentage to all admissions, ...	53	32	23	67	19	4	198
Heredity or hereditary predisposition, ...	9.30-	8.42	9.54	15.09	6.44	1.13+	8.67+
Percentage to all admissions, ...	143	78	75	72	19	42	429
Epilepsy, ...	25.08+	20.52+	31.12	16.21+	6.44	11.93	13.79+
Percentage to all admissions, ...	13	15	2	-	8	5	43
Senility, ...	2.28	3.94+	0.83-	-	2.71	1.42+	1.88
Percentage to all admissions, ...	44	38	40	49	35	56	262
Intemperance, ...	7.72-	10.00	16.59+	11.63+	11.86	15.90+	11.48
Percentage to all admissions, ...	126	53	46	66	28	42	361
Percentage to all admissions, ...	22.10+	13.94+	19.08+	14.86	9.49	11.93	15.81+

Forms of disease:—

ms of disease : —									
A. — Congenital mental deficiency,									
Senile insanity, ...	50	32	19	40	13	15	169		
Epileptic insanity, ...	52	40	40	51	48	59	290		
General paralysis, ...	16	18	12	13	8	8	75		
General paresis, ...	41	26	14	52	29	41	203		
Gross organic brain disease, ...	10	11	9	18	8	11	67		
Total, ...	169	127	94	174	106	134	804		
Percentage of A. to all admissions, ...									
B. — Alcoholic insanity, ...	29.65	33.16—	38.68	38.49+	35.93	38.39+	35.08—		
Percentage of B. to all admissions, ...									
C. — All other forms, ...	66	54	14	68	19	26	245		
Percentage of C. to all admissions, ...									
	11.57+	14.10—	5.76	14.60	6.44	7.45—	10.68+		
	335	202	135	212	170	189	1,243		
Percentage of C. to all admissions, ...									
	58.77	52.74	55.55+	46.90	57.62+	54.15	54.23		

* Figures taken from their last printed report for year ending Jan. 31, 1900.

† Not reported.

‡ First admitted to any hospital.

Discharges of the Insane from Public Hospitals.

	Worcester.	Taunton.	Northampton.	Danvers.	Westborough.	Boston.*	Aggregate.
1. Destination:—							
Transferred to other institutions, ...	57	73	-	1	38	178	347
Received by overseers of the poor, ...	30	3	14	10	2	-	59
Left the State, ...	41	13	3	22	25	-	109
All other discharges (excluding deaths), ...	219	193	140	198	150	162	1,062
2. Recoveries, ...	88	105	53	51	72	54	423
Percentage to all admissions, ...	15.50—	27.41+	23.96+	11.28	24.40+	15.47	18.69+
to admissions exclusive of congenital mental deficiency, senile insanity, epileptic insanity, general paralysis and organic brain disease.	22.05+	41.01+	39.19—	18.34+	38.00+	25.11+	28.82
to all discharges, ...	19.42+	28.15	23.96+	13.52+	26.27+	12.67+	19.95
to all discharges excluding deaths, ...	25.36	36.53+	37.18—	22.07+	33.48+	15.88	27.15+
Recovered on first admission to any hospital, ...	77	86	43	41	41	51	339
Discharged on first admission to any hospital, ...	397	319	195	306	182	360	1,759
Died on first admission to any hospital, ...	93	77	74	127	51	75	497
Percentage of all recovered on first admission to all first admissions to any hospital, ...	17.62	29.75+	23.49+	11.54+	19.25—	18.14+	19.28
to all first discharges from any hospital.	19.39+	26.96—	22.05	13.39+	22.52+	14.16+	19.27
to all first discharges from any hospital (excluding deaths), ...	25.32+	35.53+	35.53+	22.90+	31.29+	17.89	26.86
Relapsed recoveries in this hospital readmitted, ...	32	27	16	23	21	10	129
Percentage to all admissions, ...	5.63	7.05—	6.61	5.08+	7.11+	2.86+	5.63+

Released recoveries in this hospital recovered this year,	8	10	4	3	8	2	35
Percentage to all recoveries, ...	9.09	9.52	6.89+	5.88	11.11	3.70	8.17+
3. Deaths,	106	86	86	146	59	86	569
Percentage to whole number of insane persons under treatment,	6.96	7.03+	10.42	10.27	6.47+	9.39+	8.34+
to daily average number under treatment,	10.42	9.98	14.92	14.76	9.27	17.11	12.41+
to all discharges, ...	23.40—	23.05+	35.53+	38.72+	21.53	20.13+	26.52+
4. Number of persons who died aged 70 years or over,	22	29	38	45	14	26	174
Percentage to whole number of deaths,	20.75	33.72	44.18+	30.82	23.73—	30.23	30.58—
5. Number of persons who died having tuberculosis,	13	6	7	17	3	6	52
Percentage to whole number of deaths,	12.26	6.97+	8.14—	11.64	5.08	6.97+	9.13+
Number of persons who died having general paralysis,	25	14	7	40	16	16	118
Percentage to whole number of deaths,	23.58	16.28	8.14—	27.39+	27.12—	18.60	20.73+
Number of persons who died having organic brain disease,	8	12	10	14	5	6	55
Percentage to whole number of deaths,	7.54+	13.95	11.62+	9.53+	8.47	6.97+	9.66+
Number of persons who died having senile insanity,	31	22	25	48	23	33	182
Percentage to whole number of deaths,	29.24+	25.58	29.07—	32.87+	38.98	38.37	31.98+
Number of persons who died having epilepsy,	1	3	2	7	—	2	15
Percentage to whole number of deaths,	.94	3.48+	2.32+	4.79	—	2.32+	2.83+
Percentage of all such persons to whole number of deaths,	73.58	66.27+	59.30	86.30	79.66	73.25	74.16

* Figures taken from their last printed report for year ending Jan. 31, 1900.

General Statistics for Public Asylums.

	Worcester.	Medfield.	Tewksbury.	Bridgewater.	Aggregate.
Patients in house Oct. 1, 1899, ...	461	1,088	494	331	2,374
Admitted within the year, ...	56	185	103	77	421
Whole number of cases within the year, ...	517	1,273	597	408	2,795
Discharged within the year, ...	5	23	48	23	99
as recovered, ...	2	2	17	10	31
as much improved, ...	1	2	1	-	4
as improved, ...	1	7	5	5	18
as not improved, ...	1	12	25	8	46
Deaths, ...	30	53	65	13	161
Patients remaining Sept. 30, 1900, ...	482	1,197	484	372	2,535
Viz.: supported as State patients, ...	155	251	332	240	978
as town patients, ...	327	946	152	132	1,557
Daily average number of patients, ...	470.18	1,138.28	486.34	349.80	2,444.60

*Admissions of the Insane to Public Asylums.**

	Tewksbury.	Bridgewater.	Aggregate.
Admissions of insane persons, ...	103	77	180
First admissions to any insane hospital, ...	95	62	157
Readmissions to any insane hospital, ...	8	15†	23†
Percentage of first admissions to any insane hospital, ...	92.23	80.52—	87.22
of readmissions to any insane hospital, ...	7.76†	19.48	12.77†
Born in United States: Patients, ...	46	51	97
Percentage to all admissions, ...	44.66	66.23	53.88†
Fathers, ...	26	19	45
Percentage to all admissions, ...	25.24	24.67†	25.00
Mothers, ...	29	24	53
Percentage to all admissions, ...	28.15†	31.17—	29.44
Number of persons aged 70 years or over, ...	13	-	13
Percentage to all admissions, ...	12.62	-	12.62
Causes of insanity: Congenital, ...	11	16	27
Percentage to all admissions, ...	10.68—	20.77†	15.00
Heredity, ...	5	5	10
Percentage to all admissions, ...	4.85	6.49	5.55†
Heredity or hereditary predisposition, ...	5	23	28
Percentage to all admissions, ...	4.85	29.87	15.55†
Epilepsy, ...	4	7	11
Percentage to all admissions, ...	3.88	9.09	6.11
Senility, ...	26	2	28
Percentage to all admissions, ...	25.24	2.59†	15.55†
Intemperance, ...	1	16	17
Percentage to all admissions, ...	.97	20.77†	9.44
Forms of disease:—			
A.—Congenital mental deficiency, ...	11	11	22
Senile insanity, ...	24	2	26
Epileptic insanity, ...	4	6	10
General paralysis, ...	3	5	8
Gross organic brain disease, ...	4	-	4
Total, ...	46	24	70
Percentage of A. to all admissions, ...	44.66	31.17—	38.88†
B.—Alcoholic insanity, ...	-	7	7
Percentage of B. to all admissions, ...	-	9.09	9.09
C.—All other forms, ...	57	46	103
Percentage of C. to all admissions, ...	55.34—	59.74	57.22

* The asylums at Worcester and Medfield receive only transfers from the hospitals.

† Includes one unknown.

Discharges of the Insane from Public Asylums.

	Worcester.	Medfield.	Tewksbury.	Bridgewater.	Aggregate.
1. Destination :—					
Transferred to other institutions, ...	1	4	5	3	13
Received by overseers of the poor, ...	-	-	2	1	3
Left the State, ...	-	-	14	5	19
All other discharges (excluding deaths), ...	4	19	26	14	63
2. Recoveries, ...	2	2	17	10	31
3. Deaths, ...	30	53	65	13	161
Percentage to whole number of insane persons under treatment, ...	5.80	4.16	10.88+	3.18+	5.76
to daily average number under treatment, ...	6.38	4.65+	13.36+	3.71+	6.58+
to all discharges, ...	85.71	69.73+	57.52	36.11	61.92
4. Number of persons who died aged 70 years or over, ...	8	11	19	-	38
Percentage to whole number of deaths, ...	26.66+	20.75	29.23	-	23.60
5. Number of persons who died having tuberculosis, ...	11	7	8	3	29
Percentage to whole number of deaths, ...	33.66+	13.20+	12.30+	23.07+	18.01
Number of persons who died having general paralysis, ...	2	4	10	3	19
Percentage to whole number of deaths, ...	6.66+	7.54+	15.38	23.07+	11.80
Number of persons who died having organic brain disease, ...	2	9	6	-	17
Percentage to whole number of deaths, ...	6.66+	16.98	9.23	-	10.55+
Number of persons who died having senile insanity, ...	1	-	10	-	11
Percentage to whole number of deaths, ...	3.33	-	15.38	-	6.83
Number of persons who died having epilepsy, ...	1	7	-	1	9
Percentage to whole number of deaths, ...	3.33	13.20+	-	7.69	5.59
Percentage of all such persons to whole number of deaths, ...	56.66+	50.94	52.30+	53.84+	52.79+

Summary of General Statistics for Public Hospitals and Asylums.

	Totals for Hospitals and Asylums.
A.—Insane:—	
Patients in house Oct. 1, 1899, ...	6,894
Admitted within the year, ...	2,704
Whole number of cases within the year, ...	9,598
Discharged within the year, ...	1,607
as recovered, ...	456
as much improved, ...	265
as improved, ...	272
as not improved, ...	610
as not insane, ...	4
Deaths, ...	716
Patients remaining Sept. 30, 1900, ...	7,275
Viz.: supported as State patients,*	2,096
as town patients,*	4,585
as private patients,*	594
Daily average number of patients,†	7,040.87
B.—Voluntary patients remaining Sept. 30, 1900, ...	19
C.—Dipsomaniacs and Inebriates remaining Sept. 30, 1900, ...	17

* As reported by the hospitals.

† Includes inebriates and voluntary patients.

Summary relative to Admissions of the Insane to Public Hospitals and Asylums.

	Totals for Hospitals and Asylums.
Admissions of insane persons (excluding transfers), ...	2,472
First admissions to any insane hospital, ...	1,912
Readmissions to any insane hospital, ...	560
Percentage of first admissions to any insane hospital, of readmissions to any insane hospital, ...	77.34+ 22.65
Born in United States: Patients, ...	1,195
Percentage to all admissions, ...	54.96+
Fathers, ...	706
Percentage to all admissions, ...	27.94+
Mothers, ...	703
Percentage to all admissions, ...	27.83
Number of persons aged 70 years or over, ...	204
Percentage to all admissions (excluding transfers), ...	8.00+
Causes of insanity: Congenital, ...	163
Percentage to all admissions, ...	6.62
Heredity, ...	208
Percentage to all admissions, ...	8.44+
Heredity or hereditary predisposition, ...	457
Percentage to all admissions, ...	18.56
Epilepsy, ...	54
Percentage to all admissions, ...	2.19
Senility, ...	290
Percentage to all admissions, ...	11.77+
Intemperance, ...	378
Percentage to all admissions, ...	15.35
Forms of disease:—	
A.—Congenital mental deficiency, ...	191
Senile insanity, ...	316
Epileptic insanity, ...	85
General paralysis, ...	211
Gross organic brain disease, ...	71
Total, ...	874
Percentage of A. to all admissions, ...	35.35+
B.—Alcoholic insanity, ...	252
Percentage of B. to all admissions, ...	10.19
C.—All other forms, ...	1,346
Percentage of C. to all admissions, ...	54.45

*Summary relative to Discharges of the Insane from Public Hospitals
and Asylums.*

	Totals for Hospitals and Asylums.
1. Destination :—	
Transferred to other institutions, ...	360
Received by overseers of the poor, ...	62
Left the State, ...	128
All other discharges (excluding deaths), ...	1,125
2. Recoveries, ...	459
Percentage to all admissions, ...	18.69+
to admissions exclusive of congenital mental deficiency, senile insanity, epileptic insanity, general paralysis and organic brain disease.	28.82
to all discharges, ...	19.08+
to all discharges (excluding deaths), ...	27.40
Recovered on first admission to any hospital, ...	339
Discharged on first admission to any hospital, ...	1,759
Died on first admission to any hospital, ...	497
Percentage of all recovered on first admission to all first admissions to any hospital.	19.28
Percentage of all recovered on first admission to all first discharges from any hospital.	19.27
Percentage of all recovered on first admission to all first discharges from any hospital (excluding deaths).	26.86
Relapsed recoveries in any hospital or asylum readmitted, ...	129
Percentage to all admissions, ...	5.63+
Relapsed recoveries in any hospital recovered this year, ...	35
Percentage to all recoveries, ...	8.17+
3. Deaths, ...	730
Percentage to whole number of insane persons under treatment, ...	7.59
to daily average number under treatment, ...	10.38+
to all discharges, ...	30.85
4. Number of persons who died aged 70 years or over, ...	212
Percentage to whole number of deaths, ...	29.04
5. Number of persons who died having tuberculosis, ...	81
Percentage to whole number of deaths, ...	11.09+
Number of persons who died having general paralysis, ...	137
Percentage to whole number of deaths, ...	18.76+
Number of persons who died having organic brain disease, ...	72
Percentage to whole number of deaths, ...	9.86
Number of persons who died having senile insanity, ...	193
Percentage to whole number of deaths, ...	26.43+
Number of persons who died having epilepsy, ...	24
Percentage to whole number of deaths, ...	3.23+
Percentage of all such persons to whole number of deaths, ...	69.45

The Massachusetts Hospital for Epileptics, Monson.

	Insane.	Sane.	Total.
Patients in house Oct. 1, 1899, ...	138	78	216
Admitted within the year, ...	26	76	102
Whole number of cases within the year, ...	164	154	318
Discharged within the year, ...	10	46	56
as much improved, ...	1	5	6
as improved, ...	3	23	26
as not improved, ...	5	9	14
on visit, ...	1	9	10
Deaths, ...	12	7	19
Patients remaining Sept. 30, 1900, ...	142	101	243
Viz.: supported as State patients, ...	34	30	64
as town patients, ...	106	60	166
as private patients, ...	2	11	13
Daily average number of patients, ...	139.35	86.26	225.61

The Massachusetts Hospital for Dipsomaniacs and Inebriates, Foxborough (Males).

Patients in house Oct. 1, 1899, ...	174
Admitted within the year, ...	466
Whole number of cases within the year, ...	640
Final discharges within the year, ...	107
By death while in the house, ...	8
By death while on leave of absence, ...	3
By death while on elopement, ...	1
As insane, committed to Taunton Hospital, ...	8
By time limit while on leave of absence, ...	13
By time limit while on elopement, ...	4
By time limit while in the house, ...	28
Not to be benefited by further treatment, ...	41
To State Board of Insanity for deportation, ...	1
Leaves of absence during year, ...	180
Eloperments during year, ...	90
Visits during year, ...	5
Patients remaining Sept. 30, 1900, ...	258
Viz.: supported as State patients, ...	119
as town patients, ...	134
as private patients, ...	5
Daily average number of patients, ...	221.46+

The Massachusetts School for the Feeble-minded.

Number Oct. 1, 1899, ...	622
Admitted within the year, ...	114
Whole number of cases within the year, ...	736
Discharged within the year, ...	38
Died within the year, ...	18
Number Sept. 30, 1900, ...	680
Average number present, ...	626
School cases admitted, ...	44
Custodial cases admitted, ...	70
Private cases now present, ...	37
Massachusetts school beneficiaries, ...	214
Cases supported by income of invested funds, ...	15
Custodial cases supported by the State, ...	101
Custodial cases supported by cities and towns, ...	278
Beneficiaries of other New England States, ...	35

Hospital Cottages for Children.

Patients in house Oct. 1, 1899, ...	142
Admitted within the year, ...	44
Whole number of cases within the year, ...	186
Discharged within the year, ...	56
as having no disease, ...	4
as recovered, ...	8
as much improved, ...	13
as improved, ...	18
as not improved, ...	6
Deaths, ...	7
Patients remaining Sept. 30, 1900, ...	130
Viz.: supported as State patients, ...	30
as town patients, ...	32
as private patients, ...	68
Daily average number of patients, ...	133
The largest number on any one day, ...	142
The smallest number on any one day, ...	128
Number of in-cases from opening of hospital, ...	792

FINANCES OF THE STATE BOARD.

The expenses of the Board for the official year ending Sept. 30, 1900, were as follows :—

Travelling and office expenses, ...	\$3,489 08
Salaries of officers and employees, ...	12,434 83
Transportation and medical examination of State paupers, ...	6,886 83
Support of insane paupers boarded out in families, ...	4,672 76
	\$27,483 50

DETAILS.

Travelling and Office Expenses.

Travelling expenses of members of the Board, ...	\$489 59
Printing, ...	\$460 20
Stationery and office supplies, ...	241 07
Postage, ...	140 52
Telegrams and telephone, ...	71 58
Express, ...	4 36
Publications, ...	103 17
Extra services, ...	475 07
Miscellaneous, ...	23 14
	1,519 11

Travelling expenses :—

Owen Copp, ...	\$245 13
Lowell F. Wentworth, ...	206 60
Sarah Chapman, ...	10 85
Katie G. Stetson, ...	2 34
Josephine P. Fuller, ...	4 75
Edna M. Young, ...	859 34
Ella Heal, ...	151 37
	1,480 38

\$3,489 08

Salaries of Officers and Employees.

Owen Copp, M.D., executive officer, ...	\$5,000 00
Lowell F. Wentworth, M.D., deputy executive officer, ...	2,500 00
Sarah Chapman, stenographer, ...	875 00
Sarah L. Powers, clerk, ...	700 00
Katie G. Stetson, clerk, ...	666 67
Henry J. Jenner, clerk, ...	50 00
Josephine P. Fuller, stenographer, ...	334 45
Edna M. Young, visitor, ...	700 00
Alden B. Johnson, transportation officer, ...	188 71
Fred A. Hewey, transportation officer, ...	820 00
Ella Heal, transportation officer, ...	600 00
	\$12,434 83

Transportation and Medical Examination.

Travelling expenses of officers:—

Lowell F. Wentworth, ...	\$2 65	
Edna M. Young, ...	62 11	
Alden B. Johnson, ...	142 58	
Fred A. Hewey, ...	536 23	
Ella Heal, ...	410 90	
		\$1,154 47

Foreign fares, patients, ...	\$3,691 49	
Inland fares, patients, ...	599 76	
Carriage and express, patients, ...	276 52	
Food and lodging, patients, ...	81 11	
Assistance, ...	843 19	
Telegrams and telephone, ...	2 19	
Postage, ...	1 97	
Miscellaneous, ...	14 33	
		5,510 ⁵⁶ 56
Medical examination, ...	21 80	
		\$6,686 83

Support of Insane Boarded Out in Families.

Board, ...	\$4,581 71	
Medical attendance, ...	35 25	
Medicine, ...	7 95	
Clothing, ...	22 85	
Burial expenses, ...	25 00	
		\$4,672 76

FINANCES OF THE INSTITUTIONS.

Tabulated Statement of the Receipts and Expenses of the State Insane Hospitals.

	Worcester Insane Hospital.	Taunton Insane Hospital.	Northampton Insane Hospital.	Danvers Insane Hospital.	Westborough Insane Hospital.
<i>Receipts.</i>					
Cash on hand Oct. 1, 1899,	\$5,787 19	\$9,665 68	\$3,176 36	\$17,883 97	\$6,285 88
Commonwealth for the support of patients, ...	44,467 67	37,286 94	14,371 00	35,892 14	30,886 11
Cities and towns for the support of patients, ...	94,601 58	94,397 09	68,836 62	111,834 00	60,367 13
Individuals for the support of patients,*	53,341 56	20,924 34	20,595 91	29,093 16	38,503 77
Sales, labor, rents, interest on bank deposits, ...	7,302 44	5,991 35	2,746 34	5,230 90	377 21
All other sources except special appropriations, ...	1,659 19	-	6,658 39	2,011 57	1,791 66
Total, ...	\$207,159 63	\$168,245 40	\$116,384 62	\$201,945 74	\$138,211 76
From special appropriations, ...	2,053 63	-	3,705 34	32,900 87	3,156 57
Total receipts, ...	\$209,213 26	\$168,245 40	\$120,089 96	\$234,846 61	\$141,368 33
<i>Expenditures.</i>					
Salaries, wages and labor, ...	\$67,463 22	\$56,940 40	\$37,214 20	\$72,027 49	\$53,499 13
Provisions and supplies, ...	56,797 91	50,934 35	31,636 99	58,346 02	40,318 02
Clothing, ...	7,489 49	5,817 34	3,065 13	6,004 25	3,118 95
Fuel and lights, ...	16,880 66	12,816 18	8,628 01	14,205 15	12,422 26
Medicines and medical supplies, ...	2,842 61	2,090 32	1,778 49	1,809 90	785 56
Furnishings, ...	5,478 69	7,576 34	4,414 68	4,391 60	3,530 41

Transportation, ...	280 51	504 51	654 58	4,306 72	3,275 97
Travelling expenses, ...	33 78	72 50	506 31	850 00	402 95
Ordinary repairs, ...	8,589 72	10,663 14	2,909 11	5,631 96	4,909 02
All other current expenses, ...	19,367 73	14,633 15	10,667 90	12,228 46	6,899 49
Total current expenses, ...	\$185,224 32	\$162,098 23	\$101,475 40	\$179,801 55	\$129,161 76
Extraordinary expenditures from current income, ...	-	\$3,683 84	\$12,820 13	\$5,377 83	\$319 82
Extraordinary expenditures from special appropriations, ...	\$3,388 90	-	3,705 34	32,900 87	3,156 57
Reimbursements,†	767 03	696 62	67 75	2,055 74	-
Cash refunded,‡	1,627 77	-	1,998 05	1,134 86	1,856 14
Total, ...	\$5,783 70	\$4,380 46	\$18,591 27	\$41,469 30	\$5,312 53
Total expenditures, ...	\$191,008 02	\$166,478 69	\$120,066 67	\$221,270 85	\$134,474 29
Cash on hand Sept. 30, 1900, ...	\$18,205 24	\$1,766 71	\$23 29	\$13,575 76	\$6,894 04
Total resources, ...	\$72,968 07	\$41,222 16	\$29,076 19	\$59,043 90	\$32,663 42
Total liabilities, ...	17,155 37	19,618 04	18,806 11	16,650 64	19,328 01
Balance in favor of the institutions, ...	\$55,812 70	\$21,604 12	\$10,270 08	\$42,393 26	\$13,355 41
Average weekly cost per capita:—					
As computed by the superintendents, ...	\$3 37	\$3 63	\$3 38	\$3 51	\$3 75
As computed on current expenses, ...	3 61	3 61	3 38	3 49	3 75
As computed on current expenses, deducting income from sales, labor, rents and interest on bank deposits, ...	3 36	3 48	3 29	3 39	3 74
As computed on current expenses and extraordinary expenditures from current income, ...	3 61	3 70	3 81	3 60	3 76
Daily average number of patients, ...	1,016.9	861.85	576.33	989	662.29

* Includes soldiers' relief.

† For clothing furnished patients on discharge, returning escaped patients, and burial expenses.

‡ To patients, payments to State Treasurer and of loans.

Tabulated Statement of the Receipts and Expenses of the State Insane Asylums.

	Worcester Insane Asylum.	Medfield Insane Asylum.	Asylum Wards State Hospital at Tewksbury.*	Asylum for Insane Criminals, State Farm.*
<i>Receipts.</i>				
Cash on hand Oct. 1, 1899,	\$12,319 93	\$2,167 17	-	-
Commonwealth for the support of patients,	23,272 27	50,588 11	\$162,637 65	\$153,294 82
Cities and towns for the support of patients,	53,982 25	125,063 13	-	-
Individuals for the support of patients,†	1,187 97	1,792 00	-	-
Sales, labor, rents, interest on bank deposits,	782 89	3,808 50	1,619 43	6,939 48
All other sources, except special appropriations,	411 61	286 34	-	-
Total, ...	\$91,956 92	\$183,705 25	\$164,257 08	\$160,234 30
From special appropriations,	9,241 50	1,913 94	52,409 33	60,085 99
Total receipts, ...	\$101,198 42	\$185,619 19	\$216,666 41	\$220,320 29
<i>Expenditures.</i>				
Salaries, wages and labor,	\$24,692 45	\$65,522 30	\$39,438 68	\$41,257 42
Provisions and supplies,	24,592 20	52,738 84	54,560 32	50,476 63
Clothing, ...	5,533 42	14,353 97	13,646 51	11,000 80
Fuel and lights,	4,051 04	9,958 34	16,670 54	16,713 24
Medicines and medical supplies,	362 91	582 35	9,700 08	1,760 65
Furnishings, ...	2,315 49	3,256 11	4,872 67	3,196 67
Transportation,	299 88	1,412 35	5,504 22	1,868 16

Travelling expenses, ...	16 88	322 98	213 20	300 43
Ordinary repairs, ...	9,994 07	3,645 84	11,937 04	10,873 96
All other current expenses, ...	4,134 69	17,405 77	6,094 39	15,846 86
Total current expenses, ...	\$75,993 03	\$169,198 85	\$162,637 65	\$153,294 82
Extraordinary expenditures from current income, ...	\$8,300 00	\$8,344 86	-	-
Extraordinary expenditures from special appropriations, ...	9,241 50	1,913 94	\$52,409 33	\$60,085 99
Reimbursements,†	224 08	162 20	-	-
Cash refunded,§	218 59	144 40	1,619 43	6,939 48
Total, ...	\$17,984 17	\$5,565 40	\$52,409 33	\$60,085 99
Total expenditures, ...	\$93,977 20	\$174,764 25	\$216,666 41	\$220,320 29
Cash on hand Sept. 30, 1900, ...	\$7,221 22	\$10,854 94	-	-
Total resources, ...	\$28,045 12	\$54,982 94	\$45,080 94¶	\$42,010 47¶
Total liabilities, ...	10,448 95	20,747 05	-	-
Balance in favor of the institutions, ...	\$17,596 17	\$34,235 89	\$45,080 94	\$42,010 47
Average weekly cost per capita:—				
As computed by the superintendents, ...	\$3 09	\$2 80	\$2 50	\$2 20
As computed on current expenses, ...	3 09	2 85	2 50	2 20
As computed on current expenses deducting income from sales, labor, rents, and interest on bank deposits, ...	3 07	2 79	2 47	2 10
As computed on current expenses and extraordinary expenditures from current income, ...	3 44	2 91	2 50	2 20
Daily average number of patients, ...	470.18	1,133.28	1,250	1,337

* Includes the whole institution.

† For clothing furnished patients on discharge, returning escaped patients, and burial expenses.

‡ Paid into State treasury.

† Includes soldiers' relief.

§ To patients, payments to State Treasurer, and of loans.

¶ Balance of current expense appropriation.

Tabulated Statement of the Receipts and Expenses of Other State and Partly State Institutions.

	Hospital for Dipsomaniacs.	Hospital for Epileptics.	School for the Feeble-minded.	Hospital Cottages for Children.
<i>Receipts.</i>				
Cash on hand Oct. 1, 1899, ...	\$2,591 47	\$11,381 08	\$120 63	\$3,054 96
Commonwealth for the support of patients, ...	37,379 11	21,599 50	50,102 43	5,086 76
Cities and towns for the support of patients, ...	16,679 00	23,983 11	40,271 41	6,138 53
Individuals for the support of patients, *	1,701 57	2,592 11	16,515 48	11,191 83
Sales, labor, rents, interest on bank deposits, ...	501 19	1,619 89	12,702 06	2,926 57
All other sources except special appropriations, ...	13,711 21†	321 54	778 88	9,449 84
Total, ...	\$72,062 36	\$61,497 23	\$120,490 89	\$37,848 49
From special appropriations, ...	20,000 00	47,141 23	6,956 73	-
Total receipts, ...	\$92,062 36	\$108,638 46	\$127,447 62	\$37,848 49
<i>Expenditures.</i>				
Salaries, wages and labor, ...	\$18,744 63	\$24,034 78	\$42,417 61	\$11,544 20
Provisions and supplies, ...	13,892 00	12,810 26	26,451 16	8,093 91
Clothing, ...	1,444 68	1,540 51	5,628 45	782 24
Fuel and lights, ...	1,283 46	3,321 96	8,838 15	3,065 09
Medicines and medical supplies, ...	1,111 28	1,715 52	755 65	151 80
Furnishings, ...	1,587 35	914 85	4,527 41	110 40
Transportation, ...	728 35	684 73	445 68	981 26
Travelling expenses, ...	647 34	351 14	102 70	-

Ordinary repairs, ...	1,919 03	2,220 86	7,465 07	181 59
All other current expenses, ...	9,843 88	5,645 50	8,786 34	2,186 68†
Total current expenses, ...	\$51,202 00§	\$53,240 11	\$105,418 22	\$27,097 17
Extraordinary expenditures from current income, ...	\$13,898 25	-	\$5,231 25	-
Extraordinary expenditures from special appropriations, ...	20,000 00	\$47,141 23	6,956 73	-
Reimbursements,††	3,031 37	19 16	-	-
Cash refunded,**	-	273 60	71 10	\$9,797 33
Total, ...	\$36,929 62	\$47,433 99	\$12,259 08	\$9,797 33
Total expenditures, ...	\$88,131 62	\$100,674 10	\$117,677 30	\$35,250 74
Cash on hand Sept. 30, 1900, ...	\$3,930 74	\$7,964 36	\$9,770 32	\$2,597 75
Total resources, ...	\$36,364 20	\$27,705 39	\$28,101 99	\$8,177 93
Total liabilities, ...	9,766 81	5,237 58	-	1,829 74
Balance in favor of the institutions, ...	\$26,597 39	\$22,467 81	\$28,101 99	\$6,348 19
Average weekly cost per capita:—				
As computed by the superintendents, ...	-	\$4 52	\$3 22	\$3 79
As computed on current expenses, ...	\$4 44	4 52	3 22	3 92
As computed on current expenses deducting income from sales, labor, rents and interest on bank deposits, ...	4 40	4 40	2 84	3 49
As computed on current expenses and extraordinary expenditures from current income, ...	4 87††	4 52	3 40	3 92
Daily average number of patients, ...	221.46	225.61	626	133

* Includes soldiers' relief. † Includes income from sale of brooms. ‡ Includes donations of provisions and clothing amounting to \$1,643.76.

§ Includes bills *paid* during the year ending Sept. 30, 1900.

¶ For clothing furnished patients on discharge, returning escaped patients, and burial expenses.

** To patients, payments to State treasurer and of loans. †† Does not include \$8,976.44, cost of material for brooms.

THE BOARDED-OUT INSANE.

Statistics from Oct. 1, 1899, to Sept. 30, 1900.

	Men.	Women.	Total.
Boarded out in families Sept. 30, 1899, ...	17	79	96
Placed out from Sept. 30, 1899, to Sept. 30, 1900, ...	6	35	41
Whole number of cases during the year, ...	23	114	137
Whole number of persons during the year, ...	23	112	135
Cases returned to institutions, ...	1	8	9
Cases discharged, ...	2	2	4
Cases died, ...	-	-	-
Whole number of discharges, ...	3	10	13
Remaining Sept. 30, 1900, ...	20	104	124
State patients, ...	4	31	35
Town patients, ...	9	60	69
Patients living with friends without public aid, ...	6	4	10
Private patients, ...	-	7	7
Self-supporting patients, ...	1	2	3

Average number during the year, ...	102.37
Average number during the year supported at public expense, ...	88.80
Total cost of board for pauper patients, ...	\$14,481 50
Total cost of clothing, ...	22 85
Total cost of supervision (including salaries), ...	1,569 11
Weekly cost of pauper patients (including supervision), ...	3 47

	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
At board September 30, ...	5	34	73	80	110	148	155	175	164	158	142	129	121	112	96	124
Average number, ...	-	21	60	113	94	126	142	168	168	158	147	134	126	116	107	102

The patients are distributed in towns as follows: —

Andover, 3; Ashfield, 3; Ashland, 1; Beverly, 2; Boston, 4; Charlton, 1; Chelsea, 1; Cummington, 2; Danvers, 1; Dover, 3; Easthampton, 2; Easton, 2; Goshen, 3; Holliston, 4; Mansfield, 1; Melrose, 5; Newton, 2; Northampton, 1; Northborough, 3; North Brookfield, 8; Norton, 4; Shrewsbury, 1; Spencer, 2; Springfield, 3; Stoneham, 1; Sutton, 1; Taunton, 9; Tewksbury, 26; Tyngsborough, 1; Walpole, 9; Westborough, 2; Williamsburg, 8; Woburn, 1.

Transfers.

TRANSFERRED TO —	TRANSFERRED FROM —															
	Worcester Insane Hospital.	Taunton Insane Hospital.	Danvers Insane Hospital.	Westborough Insane Hospital.	Worcester Insane Asylum.	Medfield Insane Asylum.	STATE HOSPITAL.		Asylum for Insane Criminals.	Hospital for Epileptics.	Hospital for Dip-somaniacs and Inebriates.	Boston Insane Hospital.	McLean Hospital.	Other Private Hospitals.	State Industrial School.	Totals.
Worcester Insane Hospital, ...	.	.	.	.	.	.	Asylum Wards.	House Department.	1	1	1	2	3	2	1	9
Taunton Insane Hospital, ...	.	.	.	.	.	.	1	1	1	1	8	4	1	1	1	13
Northampton Insane Hospital, ...	.	.	.	1	1	1	1	1	1	1	1	1	4	1	1	1
Danvers Insane Hospital, ...	1	.	.	1	1	1	1	1	1	1	1	7	2	1	1	9
Westborough Insane Hospital, ...	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1	11
Worcester Insane Asylum, ...	51	45	20	1	1	1	3	1	1	2	1	84	1	1	1	56
Medfield Insane Asylum, ...	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	184
Asylum Wards, State Hospital, ...	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1	6
Asylum for Insane Criminals, ...	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1	3
Massachusetts Hospital for Epileptics, ...	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1	1
Boston Insane Hospital, ...	.	.	.	1	1	2	1	1	1	1	1	1	1	3	1	3
McLean Hospital, ...	1	.	.	1	1	1	1	1	1	1	1	1	1	1	1	6
Other private hospitals, ...	2	.	.	1	1	1	1	16	1	1	1	1	1	1	2	4
Massachusetts School for Feeble-minded, ...	.	.	.	1	1	1	1	1	1	1	1	1	1	1	2	19
Hospital Cottages for Children, ...	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1	1
Totals, ...	57	73	1	38	1	4	5	16	3	2	8	100	9	7	2	326

PRIVATE INSTITUTIONS.

The McLean Hospital.

This is a private, corporate institution, a branch of the Massachusetts General Hospital. All its patients are supported from private resources or funds of the corporation. Although the rate of maintenance is necessarily high, owing to the class of patients and the thorough and advanced methods of treatment, a considerable number are received at a rate of board varying from \$7 to \$10 per week, and some without charge.

So far as possible, preference is given to acute cases. Many are received for a short period of observation, until the nature and course of disease can be determined. If the prognosis is found to be unfavorable, transfer is often made to other institutions. Such selection and disposition of patients account for the relatively large number of annual admissions, which constitute 85.88 per cent. of the average daily number of patients in the house, in comparison with the analagous percentage of 49.73 in our public hospitals, and also for the greater proportion of curable cases at a stated time, — 23.75 per cent., to 6.97 per cent. in our public hospitals.

The houses are so located and their interior arrangements such that the acute cases are practically separated from association with the chronic; thus, conditions here are most favorable to the hospital spirit and method.

For some years the superintendent has been steadily maturing a comprehensive plan for the study of mental affections, according to the most enlightened standards of modern medicine. Encouraging progress has been made in the clinical definition of certain symptom-groups, and in tracing these in their relation to underlying structural disease processes, as revealed after death. It remains to determine the chemical changes involved during the life of the patient. To this end an expert chemist has been added to the corps of laboratory workers. His first efforts will be directed to the determination of the results of tissue change, or metabolism, of the living body in individual patients, representing certain mental types and physical states under given conditions

of diet, treatment and environment. The confident hope is entertained that important contributions will thus be made to the prevention and treatment of insanity.

The training school for nurses continues to maintain its high grade of instruction and efficiency.

The general statistics for the year ending Sept. 30, 1900, are as follows:—

A.—Insane:—

Patients in house Oct. 1, 1899, ...	171
Admitted within the year, ...	154
Whole number of cases within the year, ...	325
Discharged within the year, ...	126
as recovered, ...	34
as much improved, ...	33
as improved, ...	28
as not improved, ...	31
Deaths, ...	24
Patients remaining Sept. 30, 1900, ...	175
Viz.: supported as private patients, ...	175
Daily average number of patients, ...	164.24

B.—Patients (not insane) remaining Sept. 30, 1900, ... 5

Other statistics relative to admissions and discharges are based upon the annual report of the hospital for the year ending Dec. 31, 1899, namely:—

Relative to Admissions of the Insane.

Admissions, ...	135
First admissions to any insane hospital, ...	96
Readmissions to any insane hospital, ...	39
Percentage of first admissions to any insane hospital, ...	71.11
Percentage of readmissions to any insane hospital, ...	28.88+
Born in United States:—	
Fathers, ...	103
Percentage to all admissions, ...	76.86+
Mothers, ...	102
Percentage to all admissions, ...	76.12—
Number of persons aged 70 years or over,*	6
Percentage to all admissions, ...	4.47+
Causes of insanity:—	
Congenital, ...	1
Percentage to all admissions, ...	.74+
Heredity, ...	19
Percentage to all admissions, ...	14.18—

* First admitted to any hospital.

Causes of insanity — *concluded*.

Heredity or hereditary predisposition, ...	51
Percentage to all admissions, ...	38.06—
Epilepsy, ...	—
Percentage to all admissions, ...	—
Senility, ...	6
Percentage to all admissions, ...	4.47+
Intemperance, ...	5
Percentage to all admissions, ...	3.73
Forms of disease:—	
A. — Congenital mental deficiency, ...	5
Senile insanity, ...	7
Epileptic insanity, ...	1
General paralysis, ...	16
Gross organic brain disease, ...	1
Total, ...	30
Percentage of A. to all admissions, ...	22.22
B. — Alcoholic insanity, ...	3
Percentage of B. to all admissions, ...	2.22
C. — All other forms, ...	102
Percentage of C. to all admissions, ...	75.55+

Relative to Discharges of the Insane.

1. Destination:—	
Transferred to other institutions, ...	22
All other discharges (excluding deaths), ...	99
2. Recoveries, ...	37
Percentage to all admissions, ...	27.40+
to admissions exclusive of congenital mental deficiency, senile insanity, epileptic insanity, general paralysis and organic brain disease, ...	35.23+
to all discharges, ...	28.03
to all discharges (excluding deaths), ...	30.57+
Recovered on first admission to any hospital, ...	22
Discharged on first admission to any hospital, ...	83
Died on first admission to any hospital, ...	7
Percentage of all recovered on first admission to all first admissions to any hospital, ...	22.91+
Percentage of all recovered on first admission to all first discharges from any hospital, ...	26.50+
Percentage of all recovered on first admission to all first discharges from any hospital (excluding deaths), ...	28.94+
Relapsed recoveries in this hospital readmitted, ...	9
Percentage to all admissions, ...	6.66+
Relapsed recoveries in this hospital recovered this year, ...	6
Percentage to all recoveries, ...	16.21+

3. Deaths, ...	11
Percentage to whole number of persons under treatment, ...	3.84+
to daily average number under treatment, ...	6.99+
to all discharges, ...	8.33
4. Number of persons who died aged 70 years or over, ...	4
Percentage to whole number of deaths, ...	36.36
5. Number of persons who died having tuberculosis, ...	-
Percentage to whole number of deaths, ...	-
Number of persons who died having general paralysis, ...	5
Percentage to whole number of deaths, ...	45.45
Number of persons who died having organic brain disease, ...	-
Percentage to whole number of deaths, ...	-
Number of persons who died having senile insanity, ...	3
Percentage to whole number of deaths, ...	27.27
Number of persons who died having epilepsy, ...	-
Percentage to whole number of deaths, ...	-
Percentage of all such persons to whole number of deaths, ...	72.72+

The Smaller Private Institutions.

Dr. Stedman.

	SANE.		INSANE.		Total.
	Men.	Women.	Men.	Women.	
Number Oct. 1, 1899, ...	1	2	5	7	15
Admitted during the year, ...	3	4	5	3	15
Discharged during the year, ...	3	3	7	5	18
Number Sept. 30, 1900, ...	1	3	3	5	12

Dr. Russell.

Number Oct. 1, 1899, ...	-	1	4	4	9
Admitted during the year, ...	6	3	5	5	19
Discharged during the year, ...	5	3	4	5	17
Number Sept. 30, 1900, ...	1	1	5	4	11

Channing Sanitarium.

Number Oct. 1, 1899, ...	1	12	-	8	21
Admitted during the year, ...	3	13	-	5	21
Discharged during the year, ...	3	13	-	2	18
Number Sept. 30, 1900, ...	1	12	-	11	24

Dr. Norton.

	SANE.		INSANE.		Total.
	Men.	Women.	Men.	Women.	
Number Oct. 1, 1899, ...	-	-	1	4	5
Admitted during the year, . . .	3	9	-	1	13
Discharged during the year, . . .	1	7	-	2	10
Number Sept. 30, 1900, ...	2	2	1	3	8

Dr. Baker.

Number Oct. 1, 1899, ...	1	10	1	3	15
Admitted during the year, . . .	-	16	-	-	16
Discharged during the year, . . .	1	19	1	-	21
Number Sept. 30, 1900, ...	-	7	-	3	10

Dr. Bemis.

Number Oct. 1, 1899, ...	-	2	-	9	11
Admitted during the year, . . .	-	4	-	14	18
Discharged during the year, . . .	-	5	-	11	16
Number Sept. 30, 1900, ...	-	1	-	12	13

Dr. Paine.

Number Oct. 1, 1899, ...	1	1	4	7	13
Admitted during the year, . . .	8	14	4	12	38
Discharged during the year, . . .	9	13	5	12	39
Number Sept. 30, 1900, ...	-	2	3	7	12

Miss Cooke.

Number Oct. 1, 1899, ...	-	-	-	2	2
Admitted during the year, . . .	-	1	-	-	1
Discharged during the year, . . .	-	1	-	-	1
Number Sept. 30, 1900, ...	-	-	-	2	2

Dr. Heald.

Number Oct. 1, 1899, ...	3	1	1	1	6
Admitted during the year, . . .	2	3	-	2	7
Discharged during the year, . . .	2	1	1	1	5
Number Sept. 30, 1900, ...	3	3	-	2	8

Dr. Ring.

	SANE.		INSANE.		Total.
	Men.	Women.	Men.	Women.	
Number Oct. 1, 1899, ...	3	10	-	-	13
Admitted during the year, . . .	18	45	-	-	63
Discharged during the year, . .	18	49	-	-	67
Number Sept. 30, 1900, ...	3	6	-	-	9

Dr. Keith.

Number Oct. 1, 1899, ...	1	7	-	2	10
Admitted during the year, . . .	-	20	-	1	21
Discharged during the year, . .	-	14	-	2	16
Number Sept. 30, 1900, ...	1	13	-	1	15

Dr. Hill.

Number Oct. 1, 1899, ...	2	3	-	-	5
Admitted during the year, . . .	-	1	-	1	2
Discharged during the year, . .	-	2	-	-	2
Number Sept. 30, 1900, ...	2	2	-	1	5

Dr. Wiswall.

Number Oct. 1, 1899, ...	1	2	-	1	4
Admitted during the year, . . .	9	19	1	2	31
Discharged during the year, . .	8	19	-	2	29
Number Sept. 30, 1900, ...	2	2	1	1	6

Total Private Hospitals.

Number Oct. 1, 1899, ...	14	51	16	48	129
Admitted during the year, . . .	52	152	15	46	265
Discharged during the year, . .	50	149	18	42	259
Number Sept. 30, 1900, ...	16	54	13	52	135

CITY AND TOWN ALMSHOUSES.

The duty of inspecting and reporting upon the condition and management of city and town almshouses, as pauper institutions, devolves upon the State Board of Charity by act of the Legislature of 1900, chapter 215, namely:—

The state board of charity shall visit and inspect all almshouses maintained by the several cities and towns of the Commonwealth, and shall report annually upon their condition and management, with such suggestions and recommendations as the board may deem expedient.

However, the insane and feeble-minded inmates of such almshouses or of any receptacle for such are under the general supervision of this Board, according to section 9, chapter 433 of the Acts of 1898, namely : —

The board shall have general supervision over the state hospitals and asylums for the insane, and all other institutions and receptacles for insane or feeble-minded patients, either public or private. . . .

Furthermore, the Board, as commissioners of insanity, have authority to investigate the question of the insanity and condition of any person restrained of his liberty by reason of alleged insanity in any place within the Commonwealth, according to section 13 of the same act, namely : —

The board shall act as commissioners of insanity, with power to investigate the question of the insanity and condition of any person committed to any hospital or asylum for the insane, public or private, or restrained of his liberty by reason of alleged insanity at any place within the Commonwealth, and shall discharge any person so committed or restrained if in its opinion such person is not insane or can be cared for after such discharge without danger to others and with benefit to himself.

Finally, whenever the Board has reason to believe that any insane or other person is deprived of suitable treatment, it may make application for the commitment of such person to some institution under its supervision, according to section 14 of the same act, namely : —

. . . When it [the state board of insanity] has reason to believe that any insane or other person is deprived of suitable treatment it may make application for the commitment of such person to some institution under its supervision, according to the provisions of law. . . .

In compliance with such requirements, an agent of the Board has visited each city and town almshouse and private

family where insane or feeble-minded persons have been located in the care of city and town authorities. Such almshouses number 213, and such private families 40. There have been 253 such visits of inspection made during the year. Upon the different dates of visitation, 806 insane and 505 feeble-minded persons were found in almshouses, 39 insane and 45 feeble-minded in private families. A more complete enumeration and classification will be found in the annexed tables.

Acting upon the advice of the Board, town authorities have committed during the year one feeble-minded boy from a private family to the School for the Feeble-minded, and one insane man from an almshouse to an insane hospital. One other insane man was committed from a private family without co-operation of the town authorities. Eight other cases are now under consideration for commitment to institutions.

Action in these cases has been taken or instituted on the ground that they were not receiving suitable treatment. The Board considers that any insane or feeble-minded person whose condition requires seclusion in a room, or mechanical restraint, or whose habits are so filthy that he cannot be kept clean, cannot properly be cared for in an ordinary almshouse or private family. The conditions which necessitate such treatment tend to become confirmed or aggravated under such circumstances, whereas in an institution they would be relieved or entirely removed by appropriate measures.

The Insane and Feeble-minded in City and Town Almshouses.

TOWNS.	INSANE.*			FEEBLE-MINDED.*			Aggregates.
	Males.	Females.	Total.	Males.	Females.	Total.	
Acton, ...	1	1	2	-	1	1	3
Adams, ...	-	2	2	2	-	2	4
Agawam, ...	1	-	1	-	-	-	1
Amesbury, ...	1	1	2	2	3	5	7
Amherst, ...	-	-	-	1	1	2	2
Andover, ...	3	4	7	2	4	6	13

* Includes epileptics.

The Insane and Feeble-minded, etc.—Continued.

TOWNS.	INSANE.			FEEBLE-MINDED.			Aggregates.
	Males.	Females.	Total.	Males.	Females.	Total.	
Arlington, ...	1	-	1	-	1	1	2
Ashby, ...	-	2	2	1	-	1	3
Ashburnham, ...	1	-	1	-	3	3	4
Ashfield, ...	-	-	-	1	-	1	1
Ashland, ...	-	-	-	2	2	4	4
Athol, ...	1	3	4	-	2	2	6
Attleborough, ...	-	-	-	2	-	2	2
Ayer, ...	2	-	2	2	-	2	4
Barnstable, ...	-	-	-	2	7	9	9
Barre, ...	1	-	1	-	-	-	1
Bedford, ...	1	1	2	-	1	1	3
Belchertown, ...	2	-	2	-	1	1	3
Bellingham, ...	-	4	4	-	-	-	4
Berkley, ...	-	1	1	-	-	-	1
Beverly, ...	5	-	5	5	6	11	16
Billerica, ...	2	1	3	-	3	3	6
Blackstone, ...	2	-	2	-	1	1	3
Bolton, ...	1	-	1	2	-	2	3
Boston, ...	1	1	2	7	6	13	15
Boxford, ...	-	-	-	1	-	1	1
Boylston, ...	-	-	-	1	-	1	1
Braintree, ...	-	1	1	2	-	2	3
Brewster, ...	-	-	-	1	-	1	1
Bridgewater, ...	2	2	4	-	1	1	5
Brimfield, ...	-	-	-	-	1	1	1
Brockton, ...	8	5	13	1	1	2	15
Brookfield, ...	-	1	1	-	2	2	3
Brookline, ...	-	-	-	-	-	-	-
Buckland, ...	3	2	5	-	-	-	5
Burlington, ...	1	-	1	-	1	1	2
Cambridge, ...	2	10	12	2	1	3	15
Canton, ...	-	1	1	1	1	2	3
Carlsle, ...	-	-	-	1	1	2	2
Carver, ...	-	-	-	-	-	-	-
Charlton, ...	1	1	2	-	-	-	2
Chatham, ...	-	-	-	1	1	2	2

The Insane and Feeble-minded, etc. — Continued.

TOWNS.	INSANE.			FEEBLE-MINDED.			Aggregates.
	Males.	Females.	Total.	Males.	Females.	Total.	
Chelmsford, ...	2	1	3	1	-	1	4
Chester, ...	-	-	-	-	-	-	-
Chicopee, ...	3	6	9	2	-	2	11
Clinton, ...	-	-	-	-	-	-	-
Cohasset, ...	1	-	1	2	1	3	4
Concord, ...	-	-	-	-	-	-	-
Conway, ...	-	-	-	-	2	2	2
Dana, ...	-	-	-	-	-	-	-
Dartmouth, ...	-	1	1	3	-	3	4
Dedham, ...	-	1	1	-	-	-	1
Deerfield, ...	-	1	1	-	-	-	1
Dennis, ...	-	-	-	2	1	3	3
Dighton, ...	-	-	-	-	-	-	-
Douglas, ...	-	-	-	1	1	2	2
Dracut, ...	-	-	-	-	-	-	-
Dudley, ...	-	-	-	1	-	1	1
Duxbury, ...	-	-	-	-	-	-	-
East Bridgewater, ...	-	1	1	1	3	4	5
Easthampton, ...	1	2	3	-	-	-	3
Easton, ...	2	2	4	2	-	2	6
Essex, ...	3	2	5	-	2	2	7
Fairhaven, ...	2	-	2	-	1	1	3
Fall River, ...	-	5	5	2	8	10	15
Falmouth, ...	-	-	-	-	2	2	2
Fitchburg, ...	8	9	17	5	3	8	25
Foxborough, ...	-	-	-	1	1	2	2
Framingham, ...	2	-	2	-	-	-	2
Franklin, ...	-	-	-	2	-	2	2
Freetown, ...	-	-	-	1	2	3	3
Gardner, ...	-	1	1	1	2	3	4
Georgetown, ...	2	-	2	1	-	1	3
Gloucester, ...	4	3	7	2	3	5	12
Grafton, ...	-	-	-	-	-	-	-
Greenfield, ...	-	-	-	-	-	-	-
Greenwich, ...	-	-	-	-	-	-	-
Groton, ...	1	2	3	1	1	2	5

The Insane and Feeble-minded, etc. — Continued.

TOWNS.	INSANE.			FEEBLE-MINDED.			Aggregates.
	Males.	Females.	Total.	Males.	Females.	Total.	
Groveland, ...	1	-	1	1	-	1	2
Hadley, ...	-	1	1	1	1	2	3
Hanover, ...	-	1	1	-	-	-	1
Hanson, ...	-	-	-	2	-	2	2
Hardwick, ...	2	-	2	-	1	1	3
Harvard, ...	-	1	1	-	2	2	3
Harwich, ...	-	3	3	1	-	1	4
Haverhill, ...	8	6	14	4	3	7	21
Hawley, ...	-	1	1	-	-	-	1
Hingham, ...	1	2	3	2	3	5	8
Holden, ...	1	5	6	-	1	1	7
Holliston, ...	3	2	5	1	-	1	6
Holyoke, ...	12	18	30	2	-	2	32
Hopkinton, ...	-	1	1	1	1	2	3
Hudson, ...	2	1	3	-	-	-	3
Ipswich, ...	4	3	7	2	1	3	10
Lancaster, ...	1	-	1	4	1	5	6
Lawrence, ...	23	53	76	-	-	-	76
Lee, ...	1	1	2	1	3	4	6
Leicester, ...	2	2	4	2	2	4	6
Leominster, ...	3	2	5	3	1	4	9
Lexington, ...	-	-	-	-	-	-	-
Lowell, ...	25	62	87	13	25	38	125
Lunenburg, ...	5	-	5	1	-	1	6
Lynn, ...	2	1	3	5	10	15	18
Malden, ...	-	-	-	1	1	2	2
Manchester, ...	-	-	-	-	-	-	-
Mansfield, ...	-	-	-	1	2	3	3
Marblehead, ...	3	1	4	1	3	4	8
Marlborough, ...	6	1	7	1	1	2	9
Marshfield, ...	-	-	-	2	-	2	2
Mattapoisett, ...	1	1	2	-	1	1	3
Maynard, ...	-	-	-	-	-	-	-
Medfield, ...	-	-	-	-	1	1	1
Medford, ...	-	1	1	2	-	2	3
Medway, ...	3	-	3	1	-	1	4

The Insane and Feeble-minded, etc. — Continued.

TOWNS.	INSANE.			FEEBLE-MINDED.			Aggregates.
	Males.	Females.	Total.	Males.	Females.	Total.	
Melrose, ...	-	-	-	-	1	1	1
Methuen, ...	-	-	-	-	-	-	-
Middleborough, ...	1	2	3	2	2	4	7
Milford, ...	1	-	1	-	3	3	4
Millbury, ...	-	1	1	1	1	2	3
Milton, ...	-	-	-	-	1	1	1
Monson, ...	1	1	2	2	2	4	6
Montague, ...	-	2	2	-	1	1	3
Nantucket, ...	1	2	3	3	1	4	7
Natick, ...	1	-	1	-	-	-	1
New Bedford, ...	7	4	11	4	4	8	19
Newburyport, ...	4	3	7	3	1	4	11
New Salem, ...	-	1	1	-	-	-	1
Newton, ...	-	2	2	2	4	6	8
North Adams, ...	-	1	1	-	1	1	2
Northampton, ...	3	5	8	2	1	3	11
North Andover, ...	1	1	2	1	2	3	5
North Attleborough, ...	1	-	1	1	4	5	6
Northborough, ...	-	-	-	-	1	1	1
Northbridge, ...	1	-	1	-	-	-	1
North Brookfield, ...	2	1	3	4	-	4	7
North Reading, ...	-	1	1	-	1	1	2
Norton, ...	1	-	1	-	1	1	2
Norwell, ...	-	2	2	1	-	1	3
Orange, ...	-	1	1	-	1	1	2
Oxford, ...	-	-	-	2	1	3	3
Palmer, ...	3	2	5	1	1	2	7
Peabody, ...	2	-	2	7	3	10	12
Pembroke, ...	-	-	-	2	1	3	3
Pepperell, ...	-	1	1	2	1	3	4
Petersham, ...	2	-	2	-	-	-	2
Pittsfield, ...	5	8	13	5	1	6	19
Plymouth, ...	3	2	5	-	-	-	5
Provincetown, ...	-	-	-	-	3	3	3
Randolph, ...	-	1	1	1	1	2	3
Reading, ...	-	1	1	-	-	-	1

The Insane and Feeble-minded, etc. — Continued

TOWNS.	INSANE.			FEEBLE-MINDED.			Aggregates.
	Males.	Females.	Total.	Males.	Females.	Total.	
Rehoboth, ...	-	1	1	1	1	2	3
Rochester, ...	-	1	1	2	1	3	4
Rockland, ...	2	-	2	2	2	4	6
Rockport, ...	-	2	2	3	-	3	5
Salem, ...	17	15	32	4	1	5	37
Sandwich, ...	3	3	6	-	1	1	7
Saugus, ...	1	-	1	1	-	1	2
Seekonk, ...	-	1	1	-	-	-	1
Sharon, ...	-	-	-	1	-	1	1
Sherborn, ...	-	-	-	-	2	2	2
Shrewsbury, ...	-	-	-	1	2	3	3
Shutesbury, ...	-	1	1	1	1	2	3
Somerset, ...	1	2	3	1	-	1	4
Somerville, ...	-	-	-	-	-	-	-
Southbridge, ...	1	2	3	1	2	3	6
South Hadley, ...	-	-	-	-	-	-	-
Spencer, ...	2	-	2	-	3	3	5
Springfield, ...	29	46	75	5	2	7	82
Sterling, ...	2	2	4	1	-	1	5
Stoneham, ...	1	1	2	3	-	3	5
Stoughton, ...	1	1	2	-	2	2	4
Stow, ...	-	1	1	-	1	1	2
Sturbridge, ...	1	1	2	-	1	1	3
Sudbury, ...	-	2	2	3	-	3	5
Sutton, ...	-	4	4	5	3	8	12
Swansea, ...	-	1	1	-	1	1	2
Taunton, ...	1	1	2	2	1	3	5
Tewksbury, ...	-	-	-	1	4	5	5
Topsfield, ...	-	-	-	-	-	-	-
Townsend, ...	1	2	3	-	3	3	6
Tyngsborough, ...	-	-	-	1	-	1	1
Uxbridge, ...	-	-	-	1	1	2	2
Upton, ...	-	-	-	-	-	-	-
Wakefield, ...	1	1	2	2	1	3	5
Walpole, ...	-	-	-	1	1	2	2
Waltham, ...	8	10	18	2	-	2	20

The Insane and Feeble-minded, etc. — Concluded.

TOWNS.	INSANE.			FEEBLE-MINDED.			Aggregates.
	Males.	Females.	Total.	Males.	Females.	Total.	
Ware, ...	-	-	-	2	-	2	2
Wareham, ...	-	2	2	1	-	1	3
Warren, ...	2	-	2	1	2	3	5
Warwick, ...	2	1	3	-	-	-	3
Watertown, ...	-	4	4	-	1	1	5
Wayland, ...	-	-	-	-	-	-	-
Webster, ...	-	2	2	1	-	1	3
Wellesley, ...	-	3	3	-	-	-	3
Westborough, ...	2	2	4	2	1	3	7
West Boylston, ...	-	1	1	1	-	1	2
West Bridgewater, ...	1	1	2	1	-	1	3
West Brookfield, ...	-	-	-	-	1	1	1
Westfield, ...	1	-	1	3	1	4	5
Westford, ...	-	-	-	1	2	3	3
West Newbury, ...	-	1	1	-	-	-	1
Weston, ...	1	-	1	-	-	-	1
Westport, ...	-	1	1	-	1	1	2
Weymouth, ...	-	1	1	3	2	5	6
Williamstown, ...	-	-	-	1	1	2	2
Wilmington, ...	-	-	-	-	1	1	1
Winchendon, ...	3	1	4	-	-	-	4
Woburn, ...	-	1	1	4	1	5	6
Worcester, ...	35	46	81	10	5	15	96
Wrentham, ...	-	1	1	1	3	4	5
Yarmouth, ...	-	1	1	1	-	1	2
Totals, ...	340	466	806	252	253	505	1,311

The Insane and Feeble-minded in Private Families, in Care of Overseers of the Poor.

TOWNS.	INSANE.*			FEEBLE-MINDED.*			Aggregates
	Males.	Females.	Total.	Males.	Females.	Total.	
Amesbury, ...	-	-	-	1	1	2	2
Ashland, ...	-	-	-	-	1	1	1
Barnstable, ...	-	-	-	1	-	1	1
Barre, ...	-	-	-	-	1	1	1
Becket, ...	-	1	1	-	1	1	2
Berlin, ...	1	2	3	-	-	-	3
Buckland, ...	-	-	-	-	1	1	1
Cambridge, ...	1	-	1	-	1	1	2
Charlemont, ...	-	-	-	1	-	1	1
Cheshire, ...	2	1	3	-	-	-	3
Clinton, ...	-	-	-	1	-	1	1
Cummingtown, ...	-	1	1	-	1	1	2
Dalton, ...	-	-	-	2	1	3	3
Danvers, ...	-	1	1	2	1	3	4
Douglas, ...	-	-	-	1	-	1	1
Eastham, ...	-	1	1	1	1	2	3
Edgartown, ...	-	-	-	-	1	1	1
Egremont, ...	-	1	1	-	-	-	1
Enfield, ...	-	-	-	-	1	1	1
Great Barrington, ...	-	2	2	1	2	3	5
Holbrook, ...	-	-	-	-	1	1	1
Holliston, ...	-	1	1	-	-	-	1
Kingston, ...	-	-	-	1	-	1	1
Lanesborough, ...	-	1	1	-	-	-	1
Lawrence, ...	-	1	1	-	-	-	1
Lenox, ...	-	1	1	-	-	-	1
Leverett, ...	-	1	1	-	-	-	1
Lexington, ...	-	1	1	-	-	-	1
Leyden, ...	-	1	1	-	-	-	1
Marion, ...	1	-	1	-	-	-	1
Millis, ...	-	1	1	-	-	-	1
Milton, ...	-	-	-	1	-	1	1
Montague, ...	-	1	1	-	-	-	1
Montgomery, ...	-	-	-	-	1	1	1
Natick, ...	-	1	1	-	-	-	1
Oakham, ...	-	1	1	-	-	-	1
Otis, ...	-	-	-	-	1	1	1
Oxford, ...	-	1	1	-	-	-	1
Raynham, ...	-	-	-	-	2	2	2
Rowley, ...	-	1	1	-	-	-	1
Sandisfield, ...	-	-	-	-	2	2	2
Shelburne, ...	-	1	1	-	-	-	1
Shrewsbury, ...	-	-	-	1	-	1	1
Southborough, ...	-	1	1	2	-	2	3
Southwick, ...	-	1	1	-	-	-	1
Springfield, ...	-	1	1	-	1	1	2
Tyringham, ...	-	-	-	-	2	2	2
Wales, ...	-	2	2	-	-	-	2
Wellfleet, ...	-	-	-	2	2	4	4
Westborough, ...	-	1	1	-	-	-	1
Westfield, ...	-	1	1	-	-	-	1
Weymouth, ...	-	1	1	-	-	-	1
Williamsburg, ...	-	1	1	-	-	-	1
Worthington, ...	-	1	1	-	1	1	2
Totals, ...	5	34	39	18	27	45	84

* Includes epileptics.

The Epileptic in City and Town Almshouses.

TOWNS.	EPILEPTIC.									Aggregates.
	SANE.			INSANE.			FEEBLE-MINDED.			
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
Adams, ...	-	-	-	-	1	1	1	-	1	2
Ashburnham, . .	-	-	-	-	-	-	-	1	1	1
Athol, ...	-	-	-	-	1	1	-	-	-	1
Barnstable, . . .	-	-	-	-	-	-	1	-	1	1
Bedford, ...	1	-	1	-	-	-	-	-	-	1
Beverly, ...	-	-	-	-	-	-	1	1	2	2
Blackstone, . . .	-	-	-	-	-	-	-	1	1	1
Boxford, ...	-	-	-	-	-	-	1	-	1	1
Braintree, . . .	-	-	-	-	-	-	1	-	1	1
Bridgewater, . .	-	-	-	-	-	-	-	1	1	1
Cambridge, . . .	-	-	-	-	-	-	1	-	1	1
Chelmsford, . . .	-	-	-	-	-	-	1	-	1	1
Douglas, ...	-	-	-	-	-	-	-	1	1	1
Dudley, ...	-	-	-	1	-	1	-	-	-	1
Easton, ...	-	-	-	-	-	-	1	-	1	1
Fall River, . . .	-	-	-	-	-	-	-	2	2	2
Franklin, ...	-	-	-	-	-	-	1	-	1	1
Hadley, ...	-	-	-	-	-	-	1	-	1	1
Haverhill, . . .	-	-	-	-	1	1	-	-	-	1
Hingham, ...	-	-	-	-	-	-	1	1	2	2
Holyoke, ...	-	-	-	-	1	1	-	-	-	1
Ipswich, ...	-	-	-	-	-	-	1	-	1	1
Lancaster, ...	-	-	-	-	-	-	2	-	2	2
Lowell, ...	-	-	-	-	1	1	3	3	6	7
Lunenburg, . . .	-	-	-	-	-	-	1	-	1	1
Marlborough, . .	-	-	-	-	-	-	-	1	1	1
Millbury, ...	-	-	-	-	-	-	1	-	1	1
Monson, ...	-	-	-	-	-	-	1	-	1	1
Montague, ...	-	-	-	-	-	-	-	1	1	1
New Bedford, . .	-	-	-	-	-	-	1	-	1	1
North Brookfield, .	-	-	-	-	-	-	1	-	1	1
Norwell, ...	-	-	-	-	1	1	-	-	-	1
Oxford, ...	-	-	-	-	-	-	1	-	1	1
Pittsfield, . . .	-	-	-	-	-	-	1	-	1	1
Plymouth, ...	-	-	-	-	-	-	1	-	1	1

The Epileptic in City and Town Almshouses — Concluded.

TOWNS.	EPILEPTIC.									Aggregates.
	SANE.			INSANE.			FEEBLE-MINDED.			
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
Rehoboth, ...	-	-	-	-	-	-	-	1	1	1
Salem, ...	-	-	-	2	-	2	1	-	1	3
Shrewsbury, . . .	-	-	-	-	-	-	-	1	1	1
Shutesbury, . . .	-	-	-	-	1	1	1	-	1	2
Springfield, . . .	-	-	-	3	2	5	-	-	-	5
Wareham, ...	-	-	-	-	1	1	-	-	-	1
Warwick, ...	-	-	-	1	-	1	-	-	-	1
Wayland, ...	1	-	1	-	-	-	-	-	-	1
Westborough, . . .	-	1	1	-	-	-	1	-	1	2
Westfield, ...	-	-	-	-	-	-	1	1	2	2
Westford, ...	-	-	-	-	-	-	-	1	1	1
Woburn, ...	-	-	-	-	-	-	1	-	1	1
Worcester, ...	8	3	11	-	-	-	-	-	-	11
Totals, ...	10	4	14	7	10	17	30	17	47	78

The Epileptic in Private Families, in Care of Overseers of the Poor.

TOWNS.	EPILEPTIC.									Aggregates.
	SANE.			INSANE.			FEEBLE-MINDED.			
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
Barre, ...	-	-	-	-	-	-	-	1	1	1
Cambridge, ...	-	-	-	-	-	-	-	1	1	1
Danvers, ...	-	-	-	-	-	-	-	1	1	1
Edgartown, ...	-	-	-	-	1	1	-	-	-	1
Enfield, ...	-	-	-	-	-	-	1	-	1	1
Great Barrington, ...	-	-	-	-	-	-	1	-	1	1
Otis, ...	-	-	-	-	-	-	-	1	1	1
Wellfleet, ...	-	-	-	-	-	-	1	-	1	1
Totals, ...	-	-	-	-	1	1	3	4	7	8

APPENDIX.

STATISTICAL TABLES.

ARRANGED ACCORDING TO FORMS IN USE PRIOR TO
OCT. 1, 1898.

VALUATION OF STATE INSTITUTIONS.

FINANCES OF STATE INSTITUTIONS.

TABLE I. — *Valuation of the State Institutions, Sept. 30, 1900.*

INSTITUTIONS.	Number of Acres of Land.	Value of Land.	Value of Buildings.	Value of Personal Property.	Total Valuation.	Valuation of 1899.	Increase of Valuation.
Worcester Insane Hospital, ...	411.45	\$156,000 00	\$1,160,425 00	\$167,766 70	\$1,484,191 70	\$1,479,279 69	\$5,912 01
Worcester Insane Asylum, ...	11.13	193,880 00	278,200 00	41,472 89	513,552 89	494,579 82	19,073 07
Taunton Insane Hospital, ...	272.00	47,600 00	422,000 00	125,326 41	594,926 41	591,739 70	3,186 71
Northampton Insane Hospital, ...	505.00	53,400 00	516,850 00	79,754 74	650,004 74	644,861 46	5,143 28
Danvers Insane Hospital, ...	392.70	35,977 00	1,503,728 00	174,045 01	1,713,750 01	1,679,324 07	34,425 94
Westborough Insane Hospital, ...	420.22	31,042 31	466,400 00	110,758 47	608,200 78	594,733 27	13,467 51
Medfield Insane Asylum, ...	426.00	20,000 00	1,019,000 00	130,588 12	1,169,588 12	1,168,029 32	1,558 80
Hospital for Dipsonmaniacs, Foxborough, ...	96.00	15,000 00	160,475 00	28,889 95	204,364 95	181,609 02	22,755 93
Hospital for Epileptics, Monson, ...	226.00	23,013 00	152,970 00	68,171 74	244,154 74	236,231 01	7,923 73
Totals, ...	2,760.50	\$575,912 31	\$5,680,148 00	\$926,774 03	\$7,182,834 34	\$7,069,387 36	\$113,446 98
Massachusetts School for Feeble-minded, Waltham, ...	1,768.00	39,364 74	276,141 00	105,194 80	420,700 54	467,555 24	46,854 70
Hospital Cottages for Children, Baldwinville, ...	200.00	11,100 00	110,000 00	67,740 51	188,840 51	183,771 41	5,069 10

VALUATION OF STATE INSTITUTIONS.

TABLE II. — *Classified Valuation of Personal Property at the State Institutions, Sept. 30, 1900.*

INSTITUTIONS.	Live Stock on the Farm.	Produce of the Farm on Hand.	Carriages and Agricultural Implements.	Machinery and Mechanical Fixtures.	Beds and Bedding in the Inmates' Department.	Other Furniture in the Inmates' Department.	Property of the State in the Superintendent's Department.	Ready-made Clothing.
Worcester Insane Hospital, ...	\$10,667 50	\$11,831 00	\$6,987 50	\$30,080 10	\$31,993 00	\$24,053 30	\$28,877 73	\$1,439 00
Worcester Insane Asylum, ...	350 00	942 33	450 00	9,000 00	9,000 00	3,500 00	9,500 00	2,465 47
Taunton Insane Hospital, ...	9,528 00	3,807 50	6,853 34	37,000 00	25,121 53	12,469 55	11,483 81	-
Northampton Insane Hospital, ...	8,594 00	10,558 69	3,300 00	15,000 00	12,500 00	8,250 00	9,500 00	603 91
Danvers Insane Hospital, ...	12,633 40	11,456 50	5,139 63	58,734 38	20,404 11	20,380 16	19,638 41	2,303 80
Westborough Insane Hospital, ...	10,779 00	8,179 50	5,389 51	24,053 48	16,646 00	17,573 57	7,267 79	896 91
Medfield Insane Asylum, ...	7,787 00	2,120 30	3,754 15	28,035 51	29,000 00	32,000 00	9,644 12	2,454 56
Hospital for Dipso-maniacs, Foxborough, ...	2,335 00	1,288 20	1,893 85	1,026 98	5,525 88	5,606 41	3,056 85	228 50
Hospital for Epileptics, Monson, ...	4,941 50	5,486 80	2,879 30	- 20,906 16	3,743 90	5,264 02	7,025 54	765 98
Totals, ...	\$67,615 40	\$55,670 82	\$36,652 28	\$223,836 61	\$153,934 42	\$129,097 01	\$105,995 25	\$11,213 76
Massachusetts School for Feeble-minded, Waltham.	3,684 31	1,498 60	4,649 82	7,336 69	13,456 26	12,023 31	6,561 05	780 96
Hospital Cottages for Children, Baldwinville,	1,287 00	300 00	620 00	837 00	-	-	5,000 00*	200 00

* Includes beds and bedding and other furniture in inmates' department.

VALUATION OF STATE INSTITUTIONS.

TABLE II. — *Classified Valuation of Personal Property, etc. — Concluded.*

INSTITUTIONS.	Dry Goods.	Provisions and Groceries.	Drugs and Medicines.	Fuel.	Library.	Other Supplies undistributed.	Funds and Investments.	Totals.
Worcester Insane Hospital, ...	\$729 36	\$2,505 86	\$456 18	\$350 00	\$1,985 00	\$4,426 36	\$8,381 18	\$167,766 70
Worcester Insane Asylum, ...	768 91	1,740 39	300 00	1,600 00	600 00	1,265 79	-	41,472 89
Taunton Insane Hospital, ...	7,792 49*	2,132 53	600 00	4,500 00	900 00	3,137 66	-	125,326 41
Northampton Insane Hospital, ...	412 20	1,839 80	900 00	4,398 75	1,200 00	2,637 39	-	79,754 74
Danvers Insane Hospital, ...	2,006 53	4,245 73	1,949 53	5,442 35	1,400 00	8,310 48	-	174,045 01
Westborough Insane Hospital, ...	2,716 97	3,279 87	796 02	9,457 18	1,504 78	2,217 89	-	110,758 47
Medfield Insane Asylum, ...	4,917 59	4,079 03	725 00	3,711 50	300 00	2,059 36	-	130,588 12
Hospital for Dipso-manics, Foxborough, ...	87 15	992 34	827 99	3,468 80	492 77	2,059 23	-	28,889 95
Hospital for Epileptics, Monson, ...	1,801 73	2,075 01	890 07	5,844 00	560 00	5,986 73	-	68,171 74
Totals, ...	\$21,222 93	\$22,890 56	\$7,444 79	\$38,772 58	\$11,945 55	\$32,100 89	\$8,381 18	\$926,774 03
Massachusetts School for Feeble-minded, Waltham.	1,395 40	1,049 60	250 00	5,611 00	904 00	3,640 80	42,353 00	105,194 80
Hospital Cottages for Children, Baldwinville,	50 00	189 00	200 00	192 00	225 00	-	58,640 51	67,740 51

* Includes clothing.

RECEIPTS OF STATE INSTITUTIONS.

TABLE III. — *Receipts of the State Institutions for the Year ending Sept. 30, 1900.*

INSTITUTIONS.	Cash on Hand Oct. 1, 1899.	Total from Appropriations for Current Expenses.	From Special Appropriations.	From Farm and the Labor of Inmates.	For Support.		From All Other Sources.	Total Receipts at the Institutions.	Other Receipts on Account of the Institutions.
					From Cities and Towns.	From Individuals.			
Worcester Insane Hospital, ...	\$5,787 19	\$44,467 67	\$2,053 63	\$4,716 08	\$94,601 58	\$52,959 93	\$4,627 18	\$209,213 26	\$13,618 38
Worcester Insane Asylum, ...	12,319 93	23,272 27	9,241 50	-	53,982 25	679 59	1,702 88	101,198 42	250 71
Taunton Insane Hospital, ...	9,665 68	37,266 94	-	-	94,397 09	18,372 79	8,042 90	168,245 40	9,805 39
Northampton Insane Hospital, ...	3,176 36	14,371 00	3,705 34	1,656 17	68,836 62	20,595 91	7,748 56	120,089 96	2,114 43
Danvers Insane Hospital, ...	17,883 97*	35,892 14	32,900 87	1,630 96	111,834 00	27,761 09	6,943 58	234,846 61	10,453 27
Westborough Insane Hospital, ...	4,789 13	30,886 11	3,156 57	-	60,367 13	37,698 74	4,470 65	141,368 33	8,425 74
Medfield Insane Asylum, ...	793 86†	50,538 11	1,913 94	-	125,063 13	586 80	5,300 04	184,245 88	2,138 80
Hospital for Dipsomaniacs, Foxborough, ...	2,591 47	37,379 11	20,000 00	271 47	16,679 00	1,701 57	13,439 74	92,062 36	9,377 46
Hospital for Epileptics, Monson, ...	11,331 08	21,599 50	47,141 23	990 35	23,933 11	2,592 11	951 07	108,633 46	3,294 72
Totals, ...	\$68,388 67	\$295,722 85	\$120,113 08	\$9,265 04	\$649,743 91	\$163,448 53	\$53,226 60	\$1,359,908 68	\$59,483 90
Massachusetts School for Feeble-minded, Waltham, ...	120 63	50,102 43	6,956 73	-	40,271 41	16,515 48	13,480 94	127,447 62	2,370 97
Hospital Cottages for Children, Baldwinville, ...	3,054 96	5,086 76	-	464 00	6,138 53	11,191 83	11,912 41	37,848 49	368 64

* The increase in this item is caused by adding patients' cash on hand on that date, which had not been reported before.

† Decrease is caused by deducting patients' cash on hand on that date.

EXPENDITURES OF STATE INSTITUTIONS.

TABLE IV. — *Expenditures of the State Institutions for the Year ending Sept. 30, 1900.*

INSTITUTIONS.	CURRENT EXPENSES.								
	Salaries, Wages and Labor.	Provisions and Supplies.	Clothing.	Fuel and Lights.	Medicines and Medical Supplies.	Furniture, Beds and Bedding.	Transporta- tion and Travelling Expenses.	Ordinary Repairs.	Expenses of Trustees, Inspectors or Superin- tendents.
Worcester Insane Hospital, ...	\$67,463 22	\$56,797 91	\$7,489 49	\$16,880 66	\$1,734 56	\$5,478 69	\$280 51	\$8,589 72	\$33 78
Worcester Insane Asylum, ...	24,692 45	24,592 20	5,533 42	4,051 04	301 38	2,315 49	299 88	9,994 07	16 88
Taunton Insane Hospital, ...	56,940 40	50,934 35	5,817 34	12,816 18	2,090 32	7,576 34	504 51	10,663 14	72 50
Northampton Insane Hospital, ...	37,214 20	31,636 99	3,065 13	8,623 01	1,778 49	4,414 68	654 58	2,909 11	506 31
Danvers Insane Hospital, ...	72,027 49	58,346 02	6,004 25	14,205 15	1,809 90	4,391 60	4,306 72	5,631 96	830 00
Westborough Insane Hospital, ...	53,499 13	40,318 02	3,118 95	12,422 26	785 56	3,530 41	3,275 97	4,909 02	402 95
Medfield Insane Asylum, ...	65,522 30	52,738 84	14,353 97	9,953 34	582 35	3,256 11	1,412 35	3,645 84	322 98
Hospital for Dipsomaniacs, Foxborough, ...	18,744 63	13,892 00	1,444 68	1,283 46	1,111 28	1,587 35	728 35	1,919 03	647 34
Hospital for Epileptics, Monson, ...	24,034 78	12,810 26	1,540 51	3,321 96	1,715 52	914 85	684 73	2,220 86	351 14
Totals, ...	\$420,138 60	\$312,066 59	\$48,367 74	\$83,567 06	\$11,909 36	\$33,465 52	\$12,147 60	\$50,482 75	\$3,203 88
Massachusetts School for Feeble-minded, Waltham.	42,417 61	26,451 16	5,628 45	8,838 15	755 65	4,527 41	445 68	7,465 07	102 70
Hospital Cottages for Children, Baldwinville, ...	11,544 20	8,093 91	782 24	3,065 09*	151 80	110 40	981 26	181 59	-

* Includes water.

EXPENDITURES OF STATE INSTITUTIONS.

TABLE IV. — *Expenditures of the State Institutions, etc. — Concluded.*

INSTITUTIONS.	CURRENT EXPENSES — Con.		EXTRAORDINARY EXPENSES.				Total Disbursements.	Average Weekly Cost as computed by the Superintendent.
	All Other Ordinary Expenses.	Total Current Expenditures.	Buildings and Improvements.	Extraordinary Repairs.	Miscellaneous Disbursements.	Total Extraordinary Expenses.		
Worcester Insane Hospital, ...	\$20,475 78	\$185,224 32	\$3,388 90	-	\$2,394 80	\$5,783 70	\$191,008 02	\$3 37
Worcester Insane Asylum, ...	4,196 22	75,993 03	9,241 50	-	8,742 67	17,984 17	93,977 20	3 09
Taunton Insane Hospital, ...	14,683 15	162,098 23	-	-	4,380 46	4,380 46	166,478 69	3 63
Northampton Insane Hospital, ...	10,637 90	101,475 40	5,865 34	\$10,680 13	2,065 80	18,591 27	120,066 67	3 38
Danvers Insane Hospital, ...	12,228 43	179,801 55	32,900 87	5,377 83	3,190 60	41,468 30	221,270 86	3 51
Westborough Insane Hospital, ...	6,899 49	129,161 76	2,639 80	516 77	2,155 96	5,312 53	134,474 29	3 75
Medfield Insane Asylum, ...	17,405 77	169,198 85	1,913 94	-	3,651 46	5,565 40	174,764 25	2 80
Hospital for Dipsomaniacs, Foxborough, ...	9,843 88	51,202 00	20,000 00	13,898 25	3,031 37	36,929 62	88,131 62	4 44
Hospital for Epileptics, Monson, ...	5,645 50	53,240 11	47,141 23	-	292 76	47,433 99	100,674 10	4 52
Totals, ...	\$102,046 15	\$1,107,235 25	\$155,992 55	\$30,452 98	\$29,905 88	\$183,450 44	\$1,290,845 69	-
Massachusetts School for Feeble-minded, Waltham.	8,786 34	105,418 22	6,656 73	-	5,302 35	12,259 08	117,677 30	\$3 22
Hospital Cottages for Children, Baldwinville, ...	542 92	25,453 41	-	-	9,797 33	9,797 33	35,250 74	3 55

FINANCIAL CONDITION SEPT. 30, 1900.

TABLE V. — *Financial Condition of the State Institutions, Sept. 30, 1900.*

INSTITUTIONS.	LIABILITIES.			RESOURCES.						Balance in Favor of the Institutions.
	Salaries Unpaid.	Bills Payable.	Total Liabilities.	Cash on Hand.	Bills Receivable.	Unexpended Current Appropriations.	Total Resources applicable to Current Expenditures.	Unexpended Special Appropriations.	Total Available Resources.	
Worcester Insane Hospital, ...	\$5,649 65	\$16,238 02	\$21,937 67	\$18,205 24	\$54,762 83	-	\$72,968 07	\$31,066 85	\$104,034 92	\$82,097 25
Worcester Insane Asylum, ...	2,414 85	8,034 10	10,448 95	7,221 22	20,823 90	-	28,045 12	-	28,045 12	17,596 17
Taunton Insane Hospital, ...	4,771 02	14,847 02	19,618 04	1,766 71	39,455 45	-	41,222 16	-	41,222 16	21,604 12
Northampton Insane Hospital, ...	3,067 30	16,861 80	19,929 10	23 29	29,052 90	-	29,076 19	13,688 14	42,764 33	22,835 23
Danvers Insane Hospital, ...	6,172 37	10,478 27	16,650 64	13,575 76	45,468 14	-	59,043 90	44,123 67	103,167 57	86,516 93
Westborough Insane Hospital, ...	4,610 06	16,170 22	20,780 28	6,894 04	27,251 65	-	34,145 08	70 14	34,215 83	13,435 55
Medfield Insane Asylum, ...	5,164 31	15,582 74	20,747 05	9,481 63	44,128 00	\$30,000 00	83,609 63	19,550 36	103,159 99	82,412 94
Hospital for Dipso-maniacs, Foxborough, ...	1,597 16	8,169 65	9,766 81	3,930 74	10,433 46	22,000 00	36,364 20	-	36,364 20	26,597 39
Hospital for Epileptics, Monson, ...	2,244 67	15,430 82	17,675 49	7,964 36	11,028 66	8,712 37	27,705 39	72,017 71	99,723 10	82,047 61
Totals, ...	\$35,691 39	\$121,862 64	\$157,554 03	\$69,062 99	\$282,404 99	\$60,712 37	\$412,180 35	\$180,516 87	\$592,697 22	\$435,143 19
Massachusetts School for Feeble-minded, Waltham.	-	-	-	9,770 32	9,581 67	8,750 00	28,101 99	43,043 27	71,145 26	71,145 26
Hospital Cottages for Children, Baldwinville.	952 12	877 62	1,829 74	2,597 75	5,580 18	-	8,177 93	40,000 00	48,177 93	46,348 19

COMPARATIVE COST.

TABLE VI. — Comparative Cost of Different Items by the Week.

INSTITUTIONS.	Reported Average Number of Inmates.	Salaries, Wages and Labor.	Provisions and Supplies.	Clothing.	Fuel and Lights.	Medicines and Medical Sup- plies.	Furniture, Beds and Bedding.	Transportation and Travelling Expenses.	Ordinary Repairs.	All Other Ordi- nary Expenses.	AVERAGE OF WEEKLY COST.	
											Aggregate of the Foregoing Items.	Estimated by the Superin- tendents.
Worcester Insane Hospital, ...	1,016.90	\$1 276	\$1 074	\$0 142	\$0 319	\$0 033	\$0 104	\$0 005	\$0 162	\$0 388	\$3 503	\$3 37
Worcester Insane Asylum, ...	470.18	1 010	1 006	225	166	012	095	012	409	173	3 108	3 09
Taunton Insane Hospital, ...	861.85	1 271	1 137	130	284	045	169	012	238	330	3 616	3 63
Northampton Insane Hospital, ...	576.33	1 242	1 086	102	283	059	147	022	097	373	3 386	3 38
Danvers Insane Hospital, ...	989.30	1 400	1 135	117	276	035	085	084	109	254	3 495	3 51
Westborough Insane Hospital, ...	662.29	1 553	1 171	091	361	022	102	095	143	212	3 750	3 75
Medfield Insane Asylum, ...	1,133.28	1 107	891	241	162	010	054	024	062	300	2 858	2 80
Hospital for Dipso-manics, Foxborough, ...	221.46	1 628	1 207	126	112	098	134	063	167	911	4 446	4 44
Hospital for Epileptics, Monson, ...	225.61	2 049	1 093	131	283	146	078	058	189	511	4 538	4 52
Totals, ...	6,162.20	\$1 311	\$1 067	\$0 151	\$0 261	\$0 037	\$0 105	\$0 038	\$0 168	\$0 328	\$3 456	-
Massachusetts School for Feeble-minded, Waltham, ...	626.00	1 303	813	173	271	023	139	014	229	273	3 238	\$3 22
Hospital Cottages for Children, Baldwinville, ...	133.00	1 669	1 170	113	443	022	016	143	026	078	3 678	3 55

POPULATION AND EXPENSES.

TABLE VII. — *Population and Expenses of the State Institutions for the Year ending Sept. 30, 1900.*

INSTITUTIONS.	Persons admitted.	Whole Number maintained.	Deaths.	Number of inmates Sept. 30, 1900.	NET COST TO THE STATE.			Whole Sum derived from the State Treasury.
					Average Number supported by the State.	Net Current Expenses.	Average Weekly Cost.	
Worcester Insane Hospital, ...	576	1,536	106	1,090	276.97	\$30,849 29	\$2 142	\$46,521 30
Worcester Insane Asylum, ...	56	517	30	482	145.25	23,021 56	3 048	32,513 77
Taunton Insane Hospital, ...	386	1,235	86	867	215.19	27,461 55	2 454	37,266 94
Northampton Insane Hospital, ...	242	826	86	590	85.87	12,256 57	2 754	18,076 34
Danvers Insane Hospital, ...	447	1,425	147	1,053	220.00	25,433 87	2 223	68,793 01
Westborough Insane Hospital, ...	328	982	61	672	187.00	22,460 37	2 309	34,042 68
Medfield Insane Asylum, ...	185	1,273	53	1,197	240.83	48,450 11	3 868	52,502 05
Hospital for Dipso-manics, Foxborough, ...	466	640	8	258	129.00	28,001 65	4 174	57,379 11
Hospital for Epileptics, Monson, ...	94	314	19	243	66.69	18,304 78	5 278	68,740 73
Totals, ...	2,780	8,748	596	6,452	1,566.80	\$236,239 75	\$2 899	\$415,835 93
Totals (excluding transfers), ...	-	-	-	-	-	-	-	-
Massachusetts School for Feeble-minded, Waltham, ...	114	736	18	680	304.00	47,731 46	3 019	57,059 16
Hospital Cottages for Children, Baldwinville, ...	37	179	7	130	30.00	4,718 12	3 024	5,086 76

KIND AND COST OF PROVISIONS.

TABLE VIII. — *Kind and Cost of Provisions at the State Institutions for the Year ending Sept. 30, 1900.*

INSTITUTIONS.	Meat of all Kinds.	Fish of all Kinds.	Fruit and Vegetables.	Flour.	Grain and Meal for Table.	Grain and Meal for Stock.	Tea, Coffee and Chocolate.	Sugar and Molasses.	Milk, Butter and Cheese.	Salt and Other Groceries.	All Other Provisions.	Totals.
Worcester Insane Hospital, . . .	\$15,044 47	\$3,171 52	\$3,661 48	\$5,242 75	\$633 13	\$6,321 20	\$2,075 82	\$4,337 30	\$8,964 52	\$6,975 69	\$370 03	\$56,797 91
Worcester Insane Asylum, . . .	3,809 62	833 60	3,012 78	3,059 52	42 60	63 26	886 99	1,239 73	8,450 38	318 92	2,874 80	24,592 20
Taunton Insane Hospital, . . .	15,020 99	2,251 81	3,136 50	5,017 89	575 62	4,925 11	2,205 93	3,246 87	8,340 99	6,162 84	-	50,934 35
Northampton Insane Hospital, . .	6,103 16	1,521 46	1,734 15	2,370 00	326 00	3,305 72	1,344 09	2,838 31	5,415 56	3,998 88	2,674 66	31,636 99
Danvers Insane Hospital, . . .	16,505 40	2,731 99	2,452 51	6,417 50	463 40	7,155 90	2,211 89	3,367 06	8,630 79	5,204 34	3,105 24	58,346 02
Westborough Insane Hospital, . .	11,185 67	1,577 67	2,310 20	4,250 57	474 67	5,351 91	1,672 46	2,666 42	4,196 14	5,983 20	679 11	40,318 02
Medfield Insane Asylum, . . .	13,265 76	1,897 80	2,329 73	6,707 15	1,430 72	2,968 64	3,311 72	4,965 09	7,867 17	7,280 67	513 39	52,733 84
Hospital for Dipso-maniacs, Foxborough, . . .	3,160 94	390 63	789 57	1,406 84	84 06	1,658 47	738 82	1,068 45	1,692 48	2,601 74	-	13,892 00
Hospital for Epileptics, Monson, .	2,565 33	514 95	663 63	1,396 54	370 13	1,278 41	367 56	1,123 93	2,226 47	773 64	1,529 67	12,910 26
Totals, ...	\$86,666 34	\$14,891 43	\$20,440 55	\$35,868 56	\$4,400 33	\$33,358 62	\$14,815 28	\$24,794 16	\$55,784 50	\$39,299 92	\$11,746 90	\$342,066 59
Massachusetts School for Feeble-minded, Waltham, . . .	5,117 96	494 83	2,244 28	3,242 00	524 81	3,842 54	303 89	1,898 25	6,264 51	1,570 70	942 39	26,451 16
Hospital Cottages for Children, Baldwinville, . . .	1,733 46	393 41	561 45	740 25	82 46	1,141 31	121 93	249 89	895 76	657 53	1,516 41	8,093 91

AVERAGE NUMBER OF INMATES.

INSANITY IN PUBLIC AND PRIVATE HOSPITALS AND ASYLUMS.

TABLE IX. — *Average Number of Inmates at the State Institutions for Fourteen Years.*

INSTITUTIONS.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
Worcester Insane Hospital, . . .	719.64	708.19	779.74	811.48	807.01	857.36	878.78	899.91	922.34	956.25	853.58	874.10	913.52	1,016.89
Worcester Insane Asylum, . . .	393.52	393.95	385.56	330.23	394.66	427.82	446.94	442.23	460.68	427.36	438.14	428.16	433.81	470.18
Taunton Insane Hospital, . . .	638.00	628.00	632.61	639.49	649.05	692.95	722.03	766.33	817.73	819.37	796.19	781.61	833.67	861.30
Northampton Insane Hospital, . .	478.55	470.25	469.10	470.50	457.00	469.09	480.26	474.11	526.56	560.49	544.51	546.16	563.32	576.33
Danvers Insane Hospital, . . .	743.00	736.00	734.54	782.28	784.00	834.31	870.40	879.77	935.55	914.28	822.95	871.45	925.00	989.00
Westborough Insane Hospital, . .	248.47*	309.60	437.89	474.69	473.09	508.61	521.30	530.95	564.20	579.90	546.57	563.91	615.99	662.29
Medfield Insane Asylum, . . .	-	-	-	-	-	-	-	-	-	461.61†	741.95	974.59	1,031.04	1,138.28
Hospital for Dipso-manics, Foxborough,	-	-	-	-	-	-	62.78†	101.08	125.14	145.32	148.77	164.58	177.25	221.46
Hospital for Epileptics, Monson, . .	-	-	-	-	-	-	-	-	-	-	-	130.83†	206.43	225.61
Asylum wards, State Hospital, . .	356.58	335.52	356.73	360.11	376.00	371.80	451.57	471.61	480.90	475.80	482.99	461.17	464.34	486.34
Asylum for Insane Criminals, . . .	67.72	143.00	145.13	146.00	199.00	230.00	232.00	240.00	244.40	267.04	309.04	301.60	316.50	349.80
Massachusetts School for Feeble-minded,	179.00	195.00	198.00	240.00	328.00	364.00	398.00	423.00	425.00	416.00	438.00	558.00	605.00	628.00
Aggregates, ...	3,783.07	3,979.51	4,139.30	4,254.78	4,467.81	4,755.94	5,042.33	5,228.99	5,503.30	5,754.15	6,122.69	6,579.84	7,065.87	7,623.48

* For ten months.

† For five months.

‡ For thirty-four weeks.

ADMISSIONS, DISCHARGES, ETC.

TABLE X. — *Admissions, Discharges, etc., at Institutions for the Insane for the Year ending Sept. 30, 1900.*

	Worcester Hospital. Insane	Taunton Hospital. Insane	Northampton Hospital. Insane	Danvers Hospital. Insane	Westborough Hospital. Insane	Worcester Hospital. Insane	Medford Hospital. Insane	Asylum Wards, State Hospital, Tewksbury.	Asylum for Insane Criminals, Bridgewater.	Hospital for Epileptics, Monson.	Boston Hospital. Insane	McLean Hospital, Waverley.	Herbert Hall, Worcester.	The Highlands, Wrentham.
Remaining Sept. 30, 1899, ...	968	860	590	978	654	461	1,088	494	331	138	507	171	9	8
Males, ...	413	436	295	474	271	216	501	122	331	67	257	80	4	4
Females, ...	555	424	295	504	383	245	587	372	—	71	250	91	9	—
Since admitted, ...	581	389	243	455	313	56	185	103	77	26	340	154	14	10
Males, ...	301	181	133	244	167	35	38	67	77	10	131	74	—	5
Females, ...	280	208	110	211	176	21	147	36	—	16	209	80	14	5
Cases within the year, ...	1,549	1,249	833	1,433	997	517	1,273	597	408	164	847	325	23	18
Persons within the year, ...	1,536	1,235	826	1,425	982	517	1,273	597	408	163	834	320	23	17
Males, ...	709	611	425	714	432	251	539	189	408	76	383	151	—	8
Females, ...	827	624	401	711	550	266	734	408	—	87	451	169	23	9
Residents of other States, ...	2	—	4	—	10	—	—	—	—	—	4	73	5	4
Average number, ...	1,016.89	861.30	576.33	989.00	662.29	470.18	1,138.28	486.34	349.80	139.35	490.46	164.24	10.17	11.24
Discharges, viz.:—	459	382	243	380	325	35	76	113	36	22	344	150	11	9
Recovered, ...	93	105	58	51	72	2	2	17	10	1	51	34	1	5
Much improved, ...	77	40	37	52	45	1	2	—	—	3	18	33	4	1
Improved, ...	73	36	18	53	35	1	7	5	5	1	40	28	3	1
Not improved, ...	108	114	43	76	63	1	12	25	8	6	163	31	—	2
Not insane, ...	2	1	1	1	49	—	—	—	—	—	—	—	—	—
Died, ...	106	86	86	147	61	30	53	65	13	12	72	24	3	—

ADMISSIONS, DISCHARGES, ETC.

TABLE X. — *Admissions, Discharges, etc.* — Continued.

	Worcester Hospital.	Taunton Inmate Hospital.	Northampton Inmate Hospital.	Danvers Inmate Hospital.	Westborough Inmate Hospital.	Worcester Asylum.	Medfield Inmate Asylum.	Asylum Wards, State Hospital, Tewksbury.	Asylum for Insane Criminals, Bridgewater.	Hospital for Epileptics, Monson.	Boston Inmate Hospital.	McLean Hospital, Waverley.	Herbert Hall, Worcester.	The Highlands, Winchendon.
Remaining Sept. 30, 1900,														
Males, ...	1,090	867	500	1,053	672	482	1,197	484	372	142	503	175	12	9
Females, ...	499	426	312	510	283	240	515	135	372	65	253	86	-	5
Supported by the State, ...	591	441	278	543	389	242	682	349	-	77	250	89	12	4
by towns, ...	257	194	94	202	164	155	250	332	240	34	-	-	-	-
by individuals, ...	654	601	415	747	396	327	947	132	132	106	439	175*	12	9
Residents of other States, ...	179	72	81	104	112	-	-	-	-	2	64	-	4	2
Whole number of admissions, viz.:—	2	-	4	-	4	-	-	-	-	-	-	39	4	-
Supported by the State, ...	581	389	243	455	343	56	185	103	77	26	340	154	14	10
by towns, ...	374	227	75	289	169	30	34	91	50	10	11	-	-	-
by individuals, ...	147	128	153	139	92	26	151	12	27	14	295	-	-	-
First hospital admissions, ...	60	34	35	47	82	-	-	-	-	2	34	151*	14	10
Former inmates, ...	445	292	183	355	220	-	-	95	63	12	267	110	12	8
Of this hospital, ...	136	97	60	100	123	56	185	8	14	14	73	44	2	2
Of other hospitals, ...	95	70	50	70	64	1	2	2	2	4	36	23	1	1
Among the admissions were—	41	27	10	30	59	55	183	6	12	10	37	21	1	1
Admitted as habitual drunkards,†	11	5	-	-	11	-	-	-	-	-	-	-	-	-
Received as voluntary patients, ...	-	-	-	3	37	-	-	-	-	-	2	76	1	1

* And the hospital.

† Reported only by the State hospitals.

NUMBER OF STATE, TOWN AND PRIVATE PATIENTS, ETC.

TABLE XI.—*Number of State, Town and Private Patients remaining in the Public Hospitals and Asylums for the Insane on the 30th of September, for Thirty-four Years.*

YEARS.	WORCESTER INSANE HOSPITAL.			WORCESTER INSANE ASYLUM.			TAUNTON INSANE HOSPITAL.			NORTHAMPTON INSANE HOSPITAL.			DANVERS INSANE HOSPITAL.		
	State.	Town.	Private.	State.	Town.		State.	Town.	Private.	State.	Town.	Private.	State.	Town.	Private.
1867,	•	101	142	114	—	—	153	132	51	271	49	93	—	—	—
1868,	•	96	141	145	—	—	181	168	49	264	51	106	—	—	—
1869,	•	51	173	152	—	—	145	194	44	234	63	105	—	—	—
1870,	•	35	193	181	—	—	124	208	50	209	73	123	—	—	—
1871,	•	29	211	181	—	—	91	213	78	215	89	116	—	—	—
1872,	•	25	241	173	—	—	85	261	68	230	99	104	—	—	—
1873,	•	48	244	177	—	—	76	290	68	247	101	85	—	—	—
1874,	•	82	244	159	—	—	128	308	72	291	110	75	—	—	—
1875,	•	42	296	140	—	—	135	394	73	262	139	75	—	—	—
1876,	•	35	320	132	—	—	137	485	70	253	148	63	—	—	—
1877,	•	51	355	122	—	—	158	563	55	239	175	61	—	—	—
1878,	•	77	303	129	97	278	134	387	58	198	179	52	80	107	35
1879,	•	73	300	116	118	253	126	378	55	202	184	56	149	334	50
1880,	•	120	311	102	120	253	119	378	59	183	206	57	134	395	78
1881,	•	114	363	108	95	272	81	411	56	176	229	58	112	432	82
1882,	•	135	442	104	104	277	94	414	60	161	244	54	115	442	99
1883,	•	184	436	111	105	287	111	463	59	158	253	58	150	461	110
1884,	•	170	460	119	109	277	100	458	69	153	253	57	153	452	113
1885,	•	197	464	125	112	293	123	472	61	154	262	60	214	434	104
1886,	•	149	436	123	100	298	113	484	66	141	283	67	200	459	104
1887,	•	135	432	127	93	299	111	449	74	104	300	65	165	477	98
1888,	•	163	491	116	98	297	91	455	78	103	309	69	104	504	107

NUMBER OF STATE, TOWN AND PRIVATE PATIENTS, ETC.

TABLE XI. — *Number of State, Town and Private Patients, etc. — Continued.*

YEARS.	WORCESTER INSANE HOSPITAL.			WORCESTER INSANE ASYLUM.			TAUNTON INSANE HOSPITAL.			NORTHAMPTON INSANE HOSPITAL.			DANVERS INSANE HOSPITAL.		
	State.	Town.	Private.	State.	Town.		State.	Town.	Private.	State.	Town.	Private.	State.	Town.	Private.
1880,	154	534	121	94	289		94	444	79	88	297	61	110	541	108
1890,	180	483	122	82	217		131	463	85	101	323	71	142	563	108
1891,	207	491	127	117	294		129	472	79	80	302	71	138	575	104
1892,	243	487	156	146	303		108	509	81	84	332	73	135	613	115
1893,	223	528	135	139	315		147	533	71	81	327	72	142	615	112
1894,	204	576	144	137	326		121	567	97	73	361	70	130	660	116
1895,	208	606	147	121	326		118	637	91	73	390	73	138	698	112
1896,	233	474	154	114	311		150	564	85	75	405	79	180	568	109
1897,	178	540	149	107	328		122	565	71	47	388	87	92	604	107
1898,	183	531	160	107	312		156	576	74	58	407	98	132	658	100
1899,	223	576	169	135	326		187	600	73	82	420	88	187	694	97
1900,	257	654	179	155	327		194	601	72	94	415	81	202	747	104

NUMBER OF STATE, TOWN AND PRIVATE PATIENTS, ETC.

TABLE XI. — *Number of State, Town and Private Patients, etc. — Continued.*

YEARS.	AT IPSWICH * AND WESTBOROUGH.			AT TEWKSBURY.		AT BRIDGEWATER.		AT McLEAN HOSPITAL.		AT BOSTON INSANE HOSPITAL.		TOTALS BY CLASSES.			Total of All Classes.†
	State.	Town.	Private.	State.	Town.	State.	Town.	Private.	Town.	Private.	State.	Town.	Private.		
1867, . .	-	39	15	248	-	-	-	181	-	130	36	773	532	490	1,795
1868, . .	-	38	44	264	-	-	-	173	-	154	25	805	552	512	1,869
1869, . .	-	40	16	267	-	-	-	186	-	185	19	697	955	522	1,874
1870, . .	-	47	19	294	-	-	-	186	-	207	15	662	728	574	1,962
1871, . .	-	34	17	295	-	-	-	170	-	223	17	630	770	579	1,976
1872, . .	-	43	18	299	-	-	-	174	-	200	14	639	844	561	2,034
1873, . .	-	45	19	303	-	-	-	163	-	178	13	674	868	525	2,057
1874, . .	-	41	20	319	-	-	-	150	-	183	22	820	886	498	2,204
1875, . .	-	43	19	286	-	-	-	159	-	172	29	725	1,044	495	2,264
1876, . .	-	50	21	284	-	-	-	159	-	177	18	711	1,180	463	2,354
1877, . .	-	50	21	286	-	-	-	183	-	166	26	734	1,310	467	2,511
1878, . .	-	55	15	251	-	-	-	163	-	170	26	837	1,479	478	2,794
1879, . .	-	54	12	202	-	-	-	160	-	130	23	870	1,634	472	2,976
1880, . .	-	49	12	159	32	-	-	163	-	136	26	867	1,760	497	3,123
1881, . .	-	46	12	193	34	-	-	153	-	154	24	805	1,941	493	3,239
1882, . .	-	50	9	237	37	-	-	160	-	169	19	846	2,075	505	3,426
1883, . .	-	51	11	218	54	-	-	174	-	171	16	926	2,156	539	3,621
1884, . .	-	46	7	307	37	-	-	175	-	178	16	955	2,161	556	3,672
1885, . .	-	50	7	265	34	-	-	169	-	195	19	1,064	2,205	545	3,814

* Ipswich Asylum discontinued and Westborough opened in 1887.

† Including at Medfield Insane Asylum, in 1896, 563 patients, — State 123 and town 435; in 1897, 961, — State 198 and town 763; in 1898, 1,001, — State 204 and town 797; in 1899, 1,088, — State 232 and town 855; and in 1900, 1,197, — State 250 and town 947. At the Hospital for Epileptics at Monson in 1898, 171, — State 50, town 120 and private 1; in 1899, 138, — State 31 and town 107; and in 1900, 142, — State 34, town 106 and private 2.

NUMBER OF STATE, TOWN AND PRIVATE PATIENTS, ETC.

TABLE XI. — *Number of State, Town and Private Patients, etc. — Concluded.*

YEARS.	AT IPSWICH AND WESTBOROUGH.			AT TEWKSBURY.			AT BRIDGEWATER.			AT McLEAN HOSPITAL.		AT BOSTON INSANE HOSPITAL.			TOTALS BY CLASSES.			Total of All Classes.	
	State.		Private.	State.		Town.	State.		Town.	Private.		Town.		Private.	State.		Town.		Private.
1886, .	-	47	7	325	42	48	-	161	206	27	1,079	2,305	555	3,936					
1887, .	115	172	22	318	41	106	29	169	214	38	1,137	2,413	588	4,138					
1888, .	113	258	35	270	82	100	41	179	153	23	1,042	2,590	607	4,239					
1889, .	196	264	43	281	83	112	35	182	276	37	1,129	2,764*	631	4,524					
1890, .	158	309	41	275	89	112	36	184	335	42	1,181	2,819*	653	4,553					
1891, .	137	308	48	278	86	147	76	174	364	63	1,233	2,969*	666	4,868					
1892, .	170	323	51	279	101	147	83	185	347	61	1,317	3,098	722	5,137					
1893, .	132	314	68	295	168	137	85	177	402	50	1,296	3,237	685	5,268					
1894, .	134	357	82	298	162	155	93	181	392	61	1,252	3,494	751	5,497					
1895, .	125	342	100	294	179	161	83	136	454	73	1,238	3,725	732	5,695					
1896, .	96	351	101	281	193	188	112	150	406	76	1,445	3,319	754	6,018					
1897, .	120	333	98	290	179	206	119	155	431	76	1,360	4,250	743	6,353					
1898, .	118	374	92	281	171	187	113	164	480	87	1,476	4,539	776	6,791					
1899, .	168	372	114	327	168	205	126	171	418	89	1,778	4,662	801	7,241					
1900, .	164	396	112	332	152	240	132	175	439	64	1,922	4,916	789	7,627					

* Includes 1 town patient at McLean.

CASES OF INSANITY AND PERSONS INSANE, ETC.

TABLE XII. — *Cases of Insanity and Persons Insane at Public and Private Institutions, 1899-1900.*

	Worcester Hospital.	Taunton Insane Hospital.	Northampton Insane Hospital.	Danvers Insane Hospital.	Westborough Insane Hospital.	Worcester Insane Asylum.	Medford Insane Asylum.	Asylum Wards, State Hospital, Tewksbury.	Asylum for Insane Criminals, Bridgewater.	Hospital for Epileptics, Monson.	Boston Insane Hospital.	Total Public Hospitals and Asylums.	McLean Hospital, Waverley.	Other Private Hospitals.	Total Private Institutions.	Aggregate.
Cases admitted within the year, ...	570	383	242	455	295	56	185	103	77	26	340	2,732	154	61	215	2,947
Recent (insane less than one year), ...	291	142	130	203	135	1	25	12	21	-	159	1,119	116	49	165	1,284
Chronic (insane one year or more), ...	152	101	105	248	101	44	135	15	17	23	181	1,122	38	12	50	1,172
Of unknown duration, ...	127	140	7	4	59	11	25	76	39	3	-	491	-	-	-	491
Persons admitted within the year, ...	565	380	242	447	295	56	185	103	77	25	337	2,618	152	60	210	2,811
Recent cases, ...	286	139	130	195	125	1	25	12	21	-	156	1,063	114	49	162	1,210
Chronic cases, ...	132	101	105	248	101	44	135	15	17	22	181	1,088	38	11	48	1,134
Unknown, ...	127	140	7	4	59	11	25	76	39	3	-	467	-	-	-	467
New cases: —																
Persons first admitted to any hospital, ...	445	291	182	355	190	-	-	95	63	12	267	1,900	110	48	158	2,058
Recent insanity, ...	224	113	105	171	99	-	-	8	19	-	124	863	89	45	134	997
Chronic insanity, ...	118	71	73	180	49	-	-	14	15	12	143	675	21	3	24	699
Unknown, ...	103	107	4	4	42	-	-	73	29	-	-	362	-	-	-	362
Persons transferred from other insane hospitals, admitted from the general community, viz.: from cities and large towns, ...	9	* 5	1	9	11	56	184	6	3	1	3	288	6	4	10	298
from country districts, ...	556	375	241	438	274	-	11	97	74	6	384	2,330	146	56	200	2,513
unknown, ...	415	269	184	417	247	-	-	13	-	18	333	1,806	100	47	146	1,936
Whole number of persons within the year, ...	1,535	1,236	882	1,432	923	517	1,273	597	408	164	847	9,764	325	125	450	10,214
Recoveries within the year, ...	88	105	58	51	72	2	2	17	10	-	51	456	34	18	52	508
Deaths within the year, ...	106	86	86	147	59	30	53	65	13	12	72	729	24	10	34	763

* In addition to this number, 8 were transferred to this hospital from the Hospital for Dipsonanics and Inebriates at Foxborough. † Returned from escape.

RECORD OF CASES ADMITTED IN 1899-1900.

TABLE XIII. — *Record of Cases admitted within the Year 1899-1900 at Five State Hospitals.*

	INSANE.			HABITUAL DRUNKARDS.			NOT INSANE.			AGGREGATE.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Admitted, ...	1,009	936	1,945	-	27	27	17	22	39	1,026	985	2,011
Discharged recovered, ...	141	76	217	-	4	4	-	-	-	141	80	221
much improved, ...	58	52	110	-	4	4	-	-	-	58	56	114
improved, ...	44	58	102	-	-	-	-	-	-	44	58	102
not improved, ...	63	63	126	-	-	-	-	-	-	63	63	126
not insane, ...	-	-	-	-	6	6	13	15	28	13	21	34
Died, ...	118	76	194	-	-	-	1	2	3	119	78	197
Remaining Sept. 30, 1900, . .	582	611	1,193	-	13	13	6	5	11	588	629	1,217
Number likely to recover or improve,* .	175	159	334	-	8	8	-	-	-	175	167	342

None of the 204 cases remaining at Westborough are reported under this head.

FORMS OF MENTAL DISEASE, ETC.

TABLE XIV.—*Forms of Mental Disease in Cases admitted or discharged at Five State Hospitals, with Condition on Discharge, 1899-1900.*

FORMS OF DISEASE.	Cases admitted, 1899-1900.	CASES DISCHARGED, 1899-1900.					
		Recovered.	Much im- proved.	Improved.	Not im- proved.	Died.	Aggregate.
I. Insane:—							
Mania, acute delirious, ...	5	-	-	1	1	3	5
acute, ...	67	36	4	1	5	2	48
chronic, ...	44	-	7	7	21	26	61
puerperal, ...	8	1	1	-	-	-	2
recurrent, ...	12	10	2	2	-	-	14
Melancholia, acute, ...	106	66	23	12	14	9	124
agitated, ...	2	-	-	1	-	-	1
chronic, ...	20	2	6	1	11	9	29
recurrent, ...	2	2	2	-	-	-	4
Involution melancholia, ...	22	-	3	4	2	5	14
Katatonía, ...	15	5	4	-	4	3	16
Dementia, ...	12	-	-	1	2	9	12
organic, ...	18	-	1	2	-	12	15
post paralytic, ...	18	-	1	-	1	16	18
post paralytic with aphasia, ...	8	-	-	1	1	6	8
præcox, ...	85	-	13	17	35	7	72
primary, ...	68	1	10	6	13	9	39
primary with katatonic symp- toms, ...	15	-	3	-	3	1	7
secondary, ...	31	-	2	6	18	17	43
senile, ...	191	1	11	7	27	127	173
terminal, ...	-	-	-	1	-	-	2
Paranoic condition, ...	74	3	16	12	15	7	53
Primary delusional insanity, ...	131	3	25	28	60	13	129
Chronic delusional insanity, ...	37	-	-	7	19	2	28
Alcoholic insanity, ...	85	49	5	9	11	3	77
acute, ...	14	15	1	-	-	-	16
Circular insanity, ...	5	1	1	1	-	-	3
Confusional insanity, ...	3	1	1	1	1	-	4
acute, ...	-	3	2	-	-	-	5
Epileptic insanity, ...	34	1	1	5	8	4	19
Hysterical insanity, ...	2	2	-	-	1	-	3
Paralytic insanity, ...	7	1	-	1	2	6	10
Phthisical insanity, ...	3	-	1	-	-	1	2
Puerperal insanity, ...	8	5	-	-	3	3	11
Senile insanity, ...	40	-	-	2	4	22	28
Toxic insanity, ...	62	50	5	4	6	1	66
Traumatic insanity, ...	3	-	2	-	-	-	2
Insanity of heart disease, ...	1	1	-	-	-	-	1
Acute delirium, ...	-	2	-	-	-	-	2
from chorea, ...	1	-	-	-	-	-	-
from influenza and mor- phine, ...	1	-	-	-	-	-	-
from injury to head, ...	1	1	-	-	-	-	1
Dellrium (infectious, toxic and asthenic), ...	53	35	10	-	-	7	52
Periodic insanity:—							
Circular forms, ...	13	3	3	1	-	-	7
Depressed forms, ...	32	9	7	5	2	4	27
Manic and delirious forms, ...	39	17	2	2	-	8	29
Recurrent insanity, ...	21	19	5	2	2	1	29
circular, ...	5	-	5	1	-	1	7
confusional, ...	8	3	4	2	1	1	11
depressive, ...	12	1	5	-	1	-	7
katatonic, ...	3	1	-	2	-	-	3
maniacal, ...	22	1	8	4	2	2	17
General paralysis, ...	162	-	9	14	31	102	156
Paralysis agitans, ...	1	-	-	-	1	-	1
Organic brain disease, ...	4	-	-	-	1	6	7
Idiocy, ...	1	-	-	-	-	-	-
Imbecility, ...	119	-	8	13	45	6	72

FORMS OF MENTAL DISEASE, ETC.

TABLE XIV. — *Forms of Mental Disease, etc.* — Concluded.

FORMS OF DISEASE.	Cases admitted, 1899-1900.	CASES DISCHARGED, 1899-1900.					
		Recovered.	Much im- proved.	Improved.	Not im- proved.	Died.	Aggregate.
I. Insane — <i>Concluded.</i>							
Moral imbecility, ...	1	-	-	2	-	-	2
Constitutional inferiority, ...	33	-	6	7	8	-	21
Neurasthenia, ...	11	-	1	2	1	2	6
constitutional, ...	3	1	2	-	-	-	3
sexual, ...	-	-	-	1	-	-	1
Alcoholic psychosis, ...	66	19	5	6	11	2	43
Involution psychosis, ...	22	-	3	3	2	6	14
Traumatic psychosis, ...	2	-	-	-	-	-	-
Chorea, ...	2	-	1	-	-	-	1
Huntington's chorea, ...	-	-	-	-	1	-	1
Epilepsy, ...	25	-	3	5	1	9	18
and mania, ...	5	-	1	-	1	-	2
and melancholia, ...	-	-	-	-	1	-	1
and dementia, ...	3	-	1	2	-	-	3
Exophthalmic goitre, ...	1	-	-	1	-	-	1
Tubercular meningitis, ...	-	-	-	-	-	1	1
Cerebral tumor, ...	1	-	-	-	-	2	2
Special psychopathic conditions (impulsive and obsessional), ...	2	-	-	-	1	-	1
Morphinism, ...	1	-	-	-	-	-	-
Narcotic inebriety, ...	6	3	-	1	2	-	6
II. Habitual drunkards, ...	27	5	8	-	11*	-	24
III. Not insane, voluntary cases, ...	44	-	-	-	44*	3	47
Total of cases, ...	2,011	379	250	216	450	486	1,790
Total of persons, ...	1,979	-	-	-	-	-	1,771

* Discharged "not insane" rather than "not improved."

PROBABLE CAUSES OF MENTAL DISEASES, ETC.

TABLE XV.—*Probable Causes of Mental Diseases in Persons* admitted at Seven Hospitals in 1899-1900.*

ASSIGNED CAUSES.	WORCESTER INSANE HOSPITAL.			TAUNTON INSANE HOSPITAL.			NORTHAMPTON INSANE HOSPITAL.			DANVERS INSANE HOSPITAL.			WESTBOROUGH INSANE HOSPITAL.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
I. Physical:—															
Abscesses, ...	1	1	2												
Accident and ill health, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Administration of ether, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arterio-sclerosis, ...	5	—	5	—	—	—	—	—	—	—	—	—	—	—	—
Celiacitis, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebral hemorrhage, ...	—	1	1	4	1	5	2	5	7	8	5	13	6	2	8
Cerebral tumor, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal meningitis, ...	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—
Childbirth, ...	—	1	1	—	—	—	1	1	1	—	—	—	—	—	—
Chorea, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Huntington's chorea, ...	—	—	—	—	—	—	1	1	1	—	—	—	—	—	—
Congenital, ...	—	—	—	—	—	—	13	8	21	22	12	34	13	4	17
Constitutional inferiority, ...	10	—	10	20	12	32	—	—	—	—	—	—	—	—	—
Diabetes, ...	—	8	8	—	—	—	—	—	—	—	—	—	—	—	—
Dissipation, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drug habit, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epilepsy, ...	4	3	7	9	6	15	2	5	6	2	4	6	1	3	11
Epilepsy and ill health, ...	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fracture of skull, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Heredity, ...	13	40	53	11	21	32	7	16	23	41	27	68	6	13	19
Ill health, ...	15	12	27	—	—	—	—	6	6	—	—	—	—	—	—
Ill health and business trouble, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Immorality, ...	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Inanition, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Inhalation of chloroform, ...	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—

* Worcester and Westborough report cases instead of persons.

PROBABLE CAUSES OF MENTAL DISEASES, ETC.

TABLE XV. — *Probable Causes of Mental Diseases, etc.* — Continued.

ASSIGNED CAUSES.	WORCESTER INSANE HOSPITAL.			TAUNTON INSANE HOSPITAL.		NORTHAMPTON INSANE HOSPITAL.		DANVERS INSANE HOSPITAL.		WESTBOROUGH INSANE HOSPITAL.		
	Males.	Females.	Total.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Total.
I. Physical — <i>Concluded.</i>												
Injury, ...	1	1	2	1	1	2	1	1	1	3	2	5
Injury to head, ...	1	1	2	1	1	2	1	1	1	1	1	3
Insolation, ...	64	29	93	43	15	58	41	56	10	21	18	39
Intemperance, ...	8	2	10	4	4	8	4	4	4	4	4	12
Intemperance and constitutional in- feriority, ...	2	2	4	2	2	4	2	2	2	2	2	6
Intemperance and epilepsy, ...	3	1	4	3	1	4	3	1	4	3	1	4
Intemperance and febrile disorder, Intemperance and ill health, ...	3	1	4	3	1	4	3	1	4	3	1	4
Intemperance and lactation, ...	3	1	4	3	1	4	3	1	4	3	1	4
Intemperance and masturbation, ...	3	1	4	3	1	4	3	1	4	3	1	4
Intemperance and morphia, ...	1	1	2	1	1	2	1	1	2	1	1	2
Intemperance and sexuality, ...	2	1	3	2	1	3	2	1	3	2	1	3
Intemperance and sexual excesses, Intemperance and syphilis, ...	2	1	3	2	1	3	2	1	3	2	1	3
Intemperance and trauma, ...	2	2	4	2	2	4	2	2	4	2	2	4
Intemperance, worry and family trouble, ...	4	1	5	4	1	5	4	1	5	4	1	5
Lactation, ...	2	3	5	2	3	5	2	3	5	2	3	5
La Grippe, ...	2	2	4	2	2	4	2	2	4	2	2	4
Lead poisoning, ...	1	1	2	1	1	2	1	1	2	1	1	2
Malaria and quinine, ...	1	1	2	1	1	2	1	1	2	1	1	2
Masturbation, ...	25	16	41	2	1	3	9	6	15	3	6	9
Measles, ...	1	1	2	1	1	2	1	1	2	1	1	2
Meningitis, ...	1	1	2	1	1	2	1	1	2	1	1	2
Menopause, ...	1	1	2	1	1	2	1	1	2	1	1	2
Menopause and family trouble, Menopause and ill health, ...	1	1	2	1	1	2	1	1	2	1	1	2

PROBABLE CAUSES OF MENTAL DISEASES, ETC.

TABLE XV. — *Probable Causes of Mental Diseases, etc.* — Continued.

ASSIGNED CAUSES.	WORCESTER INSANE HOSPITAL.			TAUNTON INSANE HOSPITAL.			NORTHAMPTON INSANE HOSPITAL.			DANVERS INSANE HOSPITAL.			WESTBOROUGH INSANE HOSPITAL.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
II. Mental:—															
Bereavement, ...	2	5	7	—	—	—	—	—	—	—	—	—	—	—	—
Bereavement and spiritualism, ...	3	1	4	—	—	—	—	—	—	—	—	—	3	—	3
Business troubles, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Desertion, ...	2	—	2	1	—	1	—	—	—	—	—	—	—	—	—
Disappointment in love, ...	—	5	5	2	2	4	—	—	—	—	—	—	—	1	1
Family troubles, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
Fright, shock, ...	3	19	22	4	7	11	2	6	6	1	4	5	1	4	5
Grief, anxiety, worry, ...	—	—	—	1	—	1	—	—	—	—	—	—	2	1	3
Loss of employment, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4
Overstudy, ...	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Religious excitement, ...	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3
Worry and overwork, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	8	11
Not insane, ...	46	36	82	—	1	1	1	—	1	—	—	—	16	21	37
Unknown, ...	—	—	—	53	74	127	15	14	29	52	109	161	35	28	63
Total, ...	301	280	581	179	207	386	133	109	242	240	207	447	167	176	343

PROBABLE CAUSES OF MENTAL DISEASES, ETC.

TABLE XV. — *Probable Causes of Mental Diseases, etc.* — Continued.

ASSIGNED CAUSES.	BOSTON INSANE HOSPITAL.			MCLEAN HOS- PITAL, WAVERLEY.			TOTAL.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
I. Physical:—															
Abscesses, ...	1	—	1	—	—	—	1	1	2	1	—	1	1	—	2
Accident and ill health, ...	—	—	—	—	—	—	—	—	1	—	—	1	—	—	1
Administration of ether, ...	—	—	—	—	—	—	—	—	1	—	—	1	—	—	1
Arterio-sclerosis, ...	—	—	—	—	—	—	—	—	5	—	—	5	—	—	5
Cellulitis, ...	1	—	1	—	—	—	1	1	1	—	—	1	—	—	1
Cerebral hemorrhage, ...	4	4	8	1	—	1	25	18	43	1	—	1	2	1	3
Cerebral tumor, ...	—	—	—	—	—	—	—	—	1	—	—	1	—	—	1
Cerebro-spinal meningitis, ...	—	—	—	—	—	—	—	—	3	—	—	3	—	—	3
Childbirth, ...	—	—	—	—	1	1	—	1	1	—	—	1	—	—	1
Chorea, ...	—	—	—	—	—	—	—	—	2	—	—	2	—	—	2
Huntington's chorea, ...	—	—	—	—	—	—	1	1	1	—	—	1	—	—	1
Congenital, ...	8	6	14	1	—	1	77	42	119	5	—	5	15	—	22
Constitutional inferiority, ...	—	—	—	—	—	—	10	8	18	—	—	1	3	—	5
Diabetes, ...	—	—	—	—	—	—	—	—	1	—	—	1	—	—	1
Disipation, ...	—	—	—	—	—	—	8	4	12	—	—	—	—	—	—
Drug habit, ...	—	—	—	—	—	—	4	9	13	—	—	—	—	—	—
Epilepsy, ...	2	3	5	—	—	—	20	17	37	2	1	3	4	3	7
Epilepsy and ill health, ...	—	—	—	—	—	—	1	1	2	—	—	1	—	—	1
Erysipelas, ...	—	—	—	—	—	—	—	—	1	—	—	1	—	—	1
Exhaustion, ...	1	1	2	—	—	—	1	1	2	—	—	—	—	—	—
Fracture of skull, ...	—	—	—	—	—	—	—	—	1	—	—	1	—	—	1
Heredity, ...	1	3	4	7	12	19	86	132	218	42	48	90	78	117	195
Ill health, ...	5	17	22	3	10	13	23	45	68	3	8	11	5	11	16
Ill health and business trouble, ...	—	—	—	—	—	—	—	—	1	—	—	1	—	—	1
Immorality, ...	—	—	—	—	—	—	—	—	2	—	—	2	—	—	2
Inanition, ...	1	—	1	—	—	—	—	—	1	—	—	1	—	—	1
Inhalation of chloroform, ...	—	—	—	—	—	—	1	1	1	—	—	1	—	—	1

PROBABLE CAUSES OF MENTAL DISEASES, ETC.

TABLE XV. — *Probable Causes of Mental Diseases, etc. — Concluded.*

ASSIGNED CAUSES.	BOSTON INSANE HOSPITAL.			McLEAN Hos- PITAL, WAVERLEY.			TOTAL.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
II. Mental: —															
Bereavement, ...	—	1	1	—	—	—	2	6	8	—	1	1	—	2	2
Bereavement and spiritualism, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Business troubles, ...	1	1	2	—	—	—	7	2	9	1	—	1	1	—	1
Desertion, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Disappointment in love, ...	—	—	—	—	—	—	3	2	5	—	—	—	—	—	—
Family troubles, ...	—	2	2	—	—	—	—	11	11	—	—	3	—	3	3
Fright, shock, ...	—	—	—	—	—	—	—	7	7	—	—	—	—	—	—
Grief, anxiety, worry, ...	—	—	—	7	21	28	18	61	79	3	15	18	3	13	16
Loss of employment, ...	—	—	—	9	—	9	11	—	1	2	2	4	4	2	6
Overstudy, ...	—	2	2	—	—	—	—	13	24	—	—	—	—	—	—
Religious excitement, ...	2	3	5	—	—	—	6	11	17	—	—	—	—	—	—
Worry and overwork, ...	—	—	—	—	—	—	17	22	39	—	—	—	—	—	—
Not insane, ...	70	69	139	8	7	15	279	337	616	45	64	109	14	10	24
Unknown, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total, ...	148	204	352	60	74	134	1,228	1,257	2,485	183	213	396	219	239	458

CAUSES OF DEATH, ETC.

TABLE XVI. — *Causes of Death at Seven Hospitals in the Last Official Year, 1899-1900.*

CAUSES.	WORCESTER HOSPITAL.			TAUNTON HOSPITAL.			NORTHAMPTON HOSPITAL.			DANVERS HOSPITAL.			WESTBOROUGH HOSPITAL.			BOSTON HOSPITAL.			MCLEAN HOSPITAL, WAVERLEY.			TOTAL.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
I. Diseases of nervous system :—																								
Mania, acute, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
acute delirious, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
chronic, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Melancholia, acute, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dementia, organic, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
secondary, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Delirium, acute, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epilepsy, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Post-epileptic coma, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convulsions, ...	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion, ...	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion from suppuration of spine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
bilida, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion from mania, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion from organic dementia, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion from secondary dementia, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion from senile dementia, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion from senile insanity, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion from insanity following	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
traumatism, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion from general paresis, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion from post-paralytic in-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
sanity, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal meningitis, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Organic brain disease, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paralysis, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paralysis agitans, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General paralysis, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paralytic insanity, ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	1	11	3	1	4	30	5	35	—	—	—	—	—	—	12	3	15	6	1	7	3	1	4

CAUSES OF DEATH, ETC.

TABLE XVI. — *Causes of Death at Seven Hospitals in the Last Official Year, 1899-1900 — Concluded.*

[illegible]

CAUSES OF DEATH, ETC.

Senile debility, ...	56	50	106	50	36	86	37	49	86	91	55	146	36	25	61	42	45	87	8	3	11	320	263	583
Senile debility and entero colitis, ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	7	20
Senile debility and fractured femur, ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	4
Senile debility and pneumonia, ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2
Senile debility and pulmonary gangrene, ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	10
Senile debility and pyelo-nephritis, ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Senile debility and strangulated hernia, ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Septicæmia, ...	1	-	1	1	1	2	1	1	2	-	1	1	-	-	-	-	-	-	-	-	-	3	2	5
Status epilepticus and typhoid fever, ...	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Strangulation (suicidal), ...	1	-	1	-	-	-	1	6	7	2	-	-	-	-	-	1	-	1	-	-	-	4	-	4
Typhoid fever, ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	7
Total, ...	56	50	106	50	36	86	37	49	86	91	55	146	36	25	61	42	45	87	8	3	11	320	263	583

TABLE XVII. — Duration before Admission in Cases recovered or died in the Last Official Year at Seven Hospitals, 1899-1900.

PERIOD.	WORCESTER INSANE HOSPITAL.				TAUNTON INSANE HOSPITAL.				NORTHAMPTON INSANE HOSPITAL.				DANVERS INSANE HOSPITAL.			
	RECOVERED.		DIED.		RECOVERED.		DIED.		RECOVERED.		DIED.		RECOVERED.		DIED.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Congenital, ...	-	-	-	-	-	-	1	-	-	-	-	-	-	-	3	-
Under 1 month, ...	19	17	5	6	18	16	4	4	24	12	-	-	23	8	3	5
From 1 to 3 months, ...	10	8	7	7	6	11	6	2	6	5	3	7	6	1	10	6
3 to 6 months, ...	4	-	2	2	7	3	4	-	2	4	1	6	4	1	9	5
6 to 12 months, ...	1	1	6	6	5	6	6	6	-	1	3	6	-	1	10	5
1 to 2 years, ...	-	-	5	5	2	3	4	2	2	2	9	2	-	-	17	10
2 to 5 years, ...	-	-	9	3	-	2	7	4	-	-	12	12	-	1	25	10
5 to 10 years, ...	-	-	6	6	2	-	1	1	-	-	2	6	-	-	5	6
Over 10 years, ...	1	-	-	3	1	1	-	2	-	-	7	10	-	-	8	7
Unknown, ...	20	7	16	12	12	10	17	15	-	-	-	-	1	-	1	1
Total of cases, ...	55	33	56	50	53	52	50	36	34	24	37	49	39	12	91	55
Total of persons, ...	55	33	56	50	52	52	50	36	34	24	37	49	39	12	91	55
Average period of known cases (in months).	4.90	1.13	19.35	34.31	8.46	6.58	11.11	42.76	2.06	2.65	64.19	65.81	1.15	5.41	39.97	48.76

DURATION BEFORE ADMISSION, ETC.

TABLE XVII. — *Duration before Admission in Cases recovered or died* — Concluded.

PERIOD.	WESTBOROUGH INSANE HOSPITAL.				BOSTON INSANE HOSPITAL.				MCLEAN HOSPITAL, WAVERLEY.				AGGREGATES.			
	RECOVERED.		DIED.		RECOVERED.		DIED.		RECOVERED.		DIED.		RECOVERED.		DIED.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Congenital, ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
Under 1 month, ...	10	16	4	5	9	17	3	3	4	6	1	-	112	92	20	23
From 1 to 3 months, ...	5	6	8	4	2	8	4	7	7	8	-	-	42	47	38	33
3 to 6 months, ...	2	4	2	1	3	3	5	3	2	2	1	1	24	17	24	18
6 to 12 months, ...	4	2	4	4	1	4	1	4	-	3	-	-	11	18	30	31
1 to 2 years, ...	1	2	3	2	1	2	5	2	2	2	1	-	8	11	44	23
2 to 5 years, ...	3	2	6	4	-	-	10	8	1	-	5	1	4	5	74	42
5 to 10 years, ...	-	-	2	2	-	1	4	5	-	-	-	1	2	1	20	27
Over 10 years, ...	2	1	1	-	-	-	3	4	-	-	-	-	4	2	19	26
Unknown, ...	8	4	6	3	3	-	7	8	-	-	2	-	44	21	47	39
Total of cases, ...	35	37	36	25	19	35	42	44	16	21	8	3	251	214	320	262
Total of persons, ...	35	37	36	25	19	35	42	44	16	21	8	3	250	214	320	262
Average period of known cases (in months).	17.37	9.38	14.30	15.20	2.01	4.44	37.51	46.05	4.87	4.19	2.20	3.08	5.85	5.11	32.49	45.11

CASES OF PREVIOUS YEARS, ETC.

TABLE XVIII. — Cases of Previous Years at Five State Hospitals, recovered or died in 1898-99, or undischarged.

REMAINING OF THOSE ADMITTED IN THE OFFICIAL YEAR ENDING SEPT. 30.	WORCESTER INSANE HOSPITAL.				TAUNTON INSANE HOSPITAL.				NORTHAMPTON INSANE HOSPITAL.				DANVERS INSANE HOSPITAL.				WESTBOROUGH INSANE HOSPITAL.				TOTAL.					Official Year.
	Whole No.	Recovered.	Died.	Remaining.	Whole No.	Recovered.	Died.	Remaining.	Whole No.	Recovered.	Died.	Remaining.	Whole No.	Recovered.	Died.	Remaining.	Whole No.	Recovered.	Died.	Otherwise discharged.	Remaining.					
1863 and previous,	3	-	-	3	5	-	-	5	10	-	1	9	-	-	-	-	-	-	-	18	-	1	-	17	1863	
1864, . . .	-	-	-	-	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-	2	-	-	-	2	1864	
1865, . . .	1	-	-	1	1	-	-	1	2	-	-	2	-	-	-	-	-	-	-	4	-	-	-	4	1865	
1866, . . .	-	-	-	-	-	-	-	-	3	-	1	2	-	-	-	-	-	-	-	3	-	1	-	2	1866	
1867, . . .	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1867	
1868, . . .	1	-	-	1	-	-	-	-	2	-	-	2	-	-	-	-	-	-	-	3	-	-	-	-	1868	
1869, . . .	-	-	-	-	-	-	-	-	2	-	1	1	-	-	-	-	-	-	-	2	-	1	-	-	1869	
1870, . . .	1	-	-	1	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-	3	-	-	-	3	1870	
1871, . . .	4	-	-	4	1	-	-	1	3	-	-	3	-	-	-	-	-	-	-	8	-	-	-	8	1871	
1872, . . .	1	-	-	1	1	-	1	-	3	-	-	3	-	-	-	-	-	-	-	5	-	1	-	4	1872	
1873, . . .	2	-	-	2	5	-	-	5	3	-	-	3	-	-	-	-	-	-	-	10	-	-	-	10	1873	
1874, . . .	3	-	-	3	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-	5	-	-	-	5	1874	
1875, . . .	-	-	-	-	4	-	-	4	8	-	-	8	-	-	-	-	-	-	-	12	-	-	-	12	1875	
1876, . . .	1	-	-	1	3	-	-	3	4	-	-	4	-	-	-	-	-	-	-	8	-	-	-	8	1876	
1877, . . .	10	-	1	9	9	-	-	9	8	-	-	8	-	-	-	-	-	-	-	27	-	1	-	26	1877	
1878, . . .	9	-	-	8	4	-	-	4	3	-	-	3	5	-	-	5	-	-	-	21	-	-	1	20	1878	
1879, . . .	5	-	1	4	9	-	-	8	3	-	-	3	16	-	1	15	-	-	-	33	-	2	1	30	1879	
1880, . . .	4	-	-	4	4	-	-	4	5	-	1	4	13	-	-	13	-	-	-	26	-	1	-	25	1880	
1881, . . .	10	-	-	10	9	-	-	9	6	-	1	5	12	-	1	11	-	-	-	37	-	2	-	35	1881	
1882, . . .	7	-	-	7	5	-	-	5	10	-	-	10	9	-	-	9	-	-	-	31	-	-	-	31	1882	
1883, . . .	10	-	-	10	13	-	-	13	9	-	-	9	6	-	-	5	-	-	-	38	-	-	1	37	1883	

CASES OF PREVIOUS YEARS, ETC.

1884,	.	15	-	-	13	7	-	7	9	-	1	8	12	-	-	11	-	-	-	-	43	-	1	3	39	1884	
1885,	.	10	-	-	10	8	-	8	14	-	1	13	23	-	1	18	-	-	-	-	55	-	2	4	49	1885	
1886,	.	14	-	1	12	15	-	2	13	16	-	15	17	-	1	14	-	-	-	62	-	4	4	54	1886		
1887,	.	12	-	-	10	19	-	1	18	13	-	13	15	-	-	15	-	-	48	109	-	1	4	104	1887		
1888,	.	11	-	-	11	15	-	-	14	13	-	13	29	-	1	28	16	-	15	84	-	1	2	81	1888		
1889,	.	18	-	1	16	6	-	1	4	16	-	1	14	23	-	1	22	15	-	15	78	-	4	3	71	1889	
1890,	.	18	-	-	-	25	-	1	24	22	-	-	21	25	-	1	24	19	-	19	109	-	1	7	101	1890	
1891,	.	40	1	1	35	26	-	2	23	19	-	2	16	33	-	1	32	17	-	17	135	1	6	5	123	1891	
1892,	.	45	-	3	38	43	-	4	36	19	-	-	17	34	-	2	30	22	-	2	19	163	-	10	13	140	1892
1893,	.	35	-	-	31	39	-	4	30	28	-	1	27	46	-	4	39	46	-	4	40	194	-	13	14	167	1893
1894,	.	59	1	1	53	73	-	3	60	28	-	3	23	48	-	2	44	59	-	6	50	267	1	15	21	230	1894
1895,	.	74	-	5	61	76	1	4	65	50	1	6	36	67	-	6	54	56	1	3	41	323	3	24	39	257	1895
1896,	.	133	1	16	90	111	6	10	69	73	1	2	57	149	1	12	120	74	1	3	63	540	10	43	88	399	1896
1897,	.	311	42	84	159	219	15	18	128	114	15	10	67	221	18	31	124	177	19	10	104	1,042	109	103	248	582	1897
1898,	.	488	76	37	253	362	30	32	232	213	23	17	142	451	38	43	257	269	34	16	153	1,783	201	145	400	1,037	1898
1899,	.	548	77	35	316	405	56	33	248	220	29	12	153	444	36	34	281	347	44	21	1,964	242	135	388	1,199	1899	
1900,	.	551	60	44	361	389	61	37	233	243	28	30	146	455	33	62	273	343	39	24	2,011	221	197	376	1,217	1900	
Total cases,	2,484	-	-	-	1,914	-	-	-	1,198	-	-	-	-	2,153	-	-	-	1,510	-	-	-	9,259	-	-	-	-	-
Total persons,	2,454	-	-	-	1,895	-	-	-	1,182	-	-	-	-	2,124	-	-	-	1,468	-	-	-	9,22	-	-	-	-	-

AVERAGE DURATION OF CASES, ETC.

TABLE XIX. — *Average Duration (in Months) of Cases recovered or died at Seven Hospitals in Twenty-one Years.*

	AVERAGE IN 1899-1900.			AVERAGE OF PREVIOUS TWENTY YEARS.			TWENTY-ONE YEARS' AVERAGES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Whole number of recoveries, ...	251	214	465	3,774	3,510	7,284	4,025	3,724	7,749
of deaths, ...	320	262	582	4,061	3,217	7,278	4,381	3,479	7,860
Duration before admission, — cases recovered, ...	5.85	5.11	5.49	6.46	9.78	8.07	6.42	9.51	7.91
cases died, ...	32.49	45.11	38.17	41.70	37.11	39.69	41.02	37.71	39.57
Hospital residence, — cases recovered, ...	5.20	6.35	5.84	6.45	9.85	8.63	6.37	9.64	8.46
cases died, ...	25.73	37.87	31.58	30.05	31.20	30.59	29.73	31.70	30.66
Whole duration, — cases recovered, ...	14.87	13.33	14.18	11.71	17.99	14.75	11.90	17.72	14.71
cases died, ...	50.58	83.76	66.20	65.34	73.46	69.08	64.26	74.23	68.87

RESULTS OF DIFFERENT ADMISSIONS, ETC.

TABLE XX. — *Results of Different Admissions at Seven Hospitals.*

	OFFICIAL YEAR, 1899-1900.			TWENTY-ONE YEARS, 1880-1900.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Whole number discharged, ...	1,164	1,183	2,347	18,423	17,533	35,956
On first admission, ...	955	933	1,888	15,197	14,128	29,325
viz.: recovered, ...	186	175	361	3,312	2,946	6,258
died, ...	282	222	504	3,750	3,045	6,795
otherwise, ...	487	536	1,023	8,135	8,137	16,272
On second admission, ...	140	165	305	2,241	2,240	4,481
viz.: recovered, ...	35	27	62	431	468	899
died, ...	33	32	65	436	369	805
otherwise, ...	72	106	178	1,374	1,403	2,777
On third admission, ...	33	49	82	517	631	1,148
viz.: recovered, ...	12	11	23	112	142	254
died, ...	4	5	9	73	74	147
otherwise, ...	17	33	50	332	415	747
On fourth or subsequent admission, ...	36	36	72	465	526	991
viz.: recovered, ...	18	6	24	157	170	327
died, ...	2	3	5	44	56	100
otherwise, ...	16	27	43	264	300	564
Whole number of persons discharged, ...	1,153	1,177	2,330	-	-	-

PARENTAGE AND CIVIL CONDITION.

TABLE XXI. — *Parentage of 36,147 Cases admitted within the Last Twenty-one Years at Seven Hospitals of Massachusetts.*

PLACES OF PARENT NATIVITY.	MALES (18,398).		FEMALES (17,749).		TOTALS (36,147).	
	Fathers.	Mothers.	Fathers.	Mothers.	Fathers.	Mothers.
Massachusetts, . . .	4,026	4,091	3,297	3,310	7,323	7,401
Other States, . . .	2,851	2,810	2,330	2,451	5,181	5,261
Total American, . .	6,877	6,901	5,627	5,761	12,504	12,662
Total foreign, . .	9,662	9,623	10,029	9,902	19,691	19,525
Canada, ...	1,139	1,185	1,178	1,263	2,317	2,448
Great Britain, . . .	1,220	1,153	1,152	1,018	2,372	2,171
Ireland, ...	5,745	5,788	6,424	6,447	12,169	12,235
Other countries, . . .	1,558	1,497	1,275	1,174	2,833	2,671
Unknown, ...	1,859	1,874	2,093	2,086	3,952	3,960
Totals, ...	18,398	18,398	17,749	17,749	36,147	36,147

TABLE XXII. — *Civil Condition of 37,862 Cases admitted at Seven Hospitals within Twenty-one Years past.*

CIVIL CONDITION.	YEAR OF 1899-1900.			TOTAL FOR TWENTY-ONE YEARS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried, ...	552	472	1,024	9,094	7,286	16,380
Married, ...	533	516	1,049	8,475	7,883	16,358
Widowed, ...	112	244	356	1,464	3,238	4,702
Divorced, ...	4	8	12	45	73	118
Unknown, ...	36	25	61	196	103	304
Totals, ...	1,237	1,265	2,502	19,274	18,588	37,862

OCCUPATIONS OF PERSONS, ADMISSIONS, ETC.

TABLE XXIII. — *Occupations of Persons admitted at Seven Hospitals, 1880-1900.*

OCCUPATIONS.	OFFICIAL YEAR, 1899-1900.			TWENTY-ONE YEARS, 1880-1900.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Educated or professional, ...	175	88	263	1,414	661	2,075
Domestic, ...	10	182	192	211	3,275	3,486
Farmers, ...	68	25	93	1,638	387	2,025
Housekeepers, ...	-	434	434	-	5,902	5,902
Laborers, ...	223	23	246	3,850	720	4,570
Mechanical, ...	301	45	346	5,927	1,830	7,757
Operatives, ...	74	91	165	1,121	1,231	2,352
Traders, ...	110	23	133	2,124	564	2,688
Miscellaneous, ...	124	87	211	974	459	1,433
No occupation, or unknown, ...	141	256	397	1,987	3,522	5,509
Totals, ...	1,226	1,254	2,480	19,246	18,551	37,797

TABLE XXIV. — *Admissions, Readmissions and Recoveries.*

YEARS ENDING SEPT. 30.		Whole Number of Admissions.	First Admissions to Hospital re- porting.	Readmissions to Hospital re- porting.	First Admissions to Any Insane Hospital.	True Readmis- sions.	Reported Re- lapses after Recoveries.	Reported Recov- eries.
1881-1899.	Worcester, ...	8,218	6,907	1,311	5,913	2,305	518	1,747
	Taunton, ...	6,194	5,105	1,089	4,626	1,568	413	1,166
	Northampton, ...	3,172	2,476	696	2,289	833	248	641
	Danvers, ...	8,135	6,812	1,323	5,922	2,213	407	1,378
	Westborough, ...	4,345	2,920	1,425	2,817	1,528	190	990
	Totals for nineteen years, ...	30,064	24,220	5,844	21,567	8,497	1,776	5,922
1899-1900.	Worcester, ...	581	486	95	445	136	32	93
	Taunton, ...	389	319	70	292	97	27	105
	Northampton, ...	243	193	50	183	60	16	58
	Danvers, ...	455	385	70	355	100	23	51
	Westborough, ...	343	220	123	220	123	21	72
	Totals, 1899-1900, ...	2,011	1,603	408	1,495	516	119	379
Totals for twenty years, ...		32,075	25,823	6,252	23,062	9,013	1,895	6,301

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